

UNIVERSITY OF PENNSYLVANIA
EGYPTIAN DEPARTMENT OF THE UNIVERSITY MUSEUM

ECKLEY B. COXE JUNIOR EXPEDITION TO NUBIA:
VOL. VIII

BUHEN

BY

D. RANDALL-MACIVER

AND

C. LEONARD WOOLLEY

PLATES

PUBLISHED BY THE UNIVERSITY MUSEUM
PHILADELPHIA

MCMXI

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GENERAL VIEWS OF BUHEN AND THE TWO BANKS OF THE NILE.





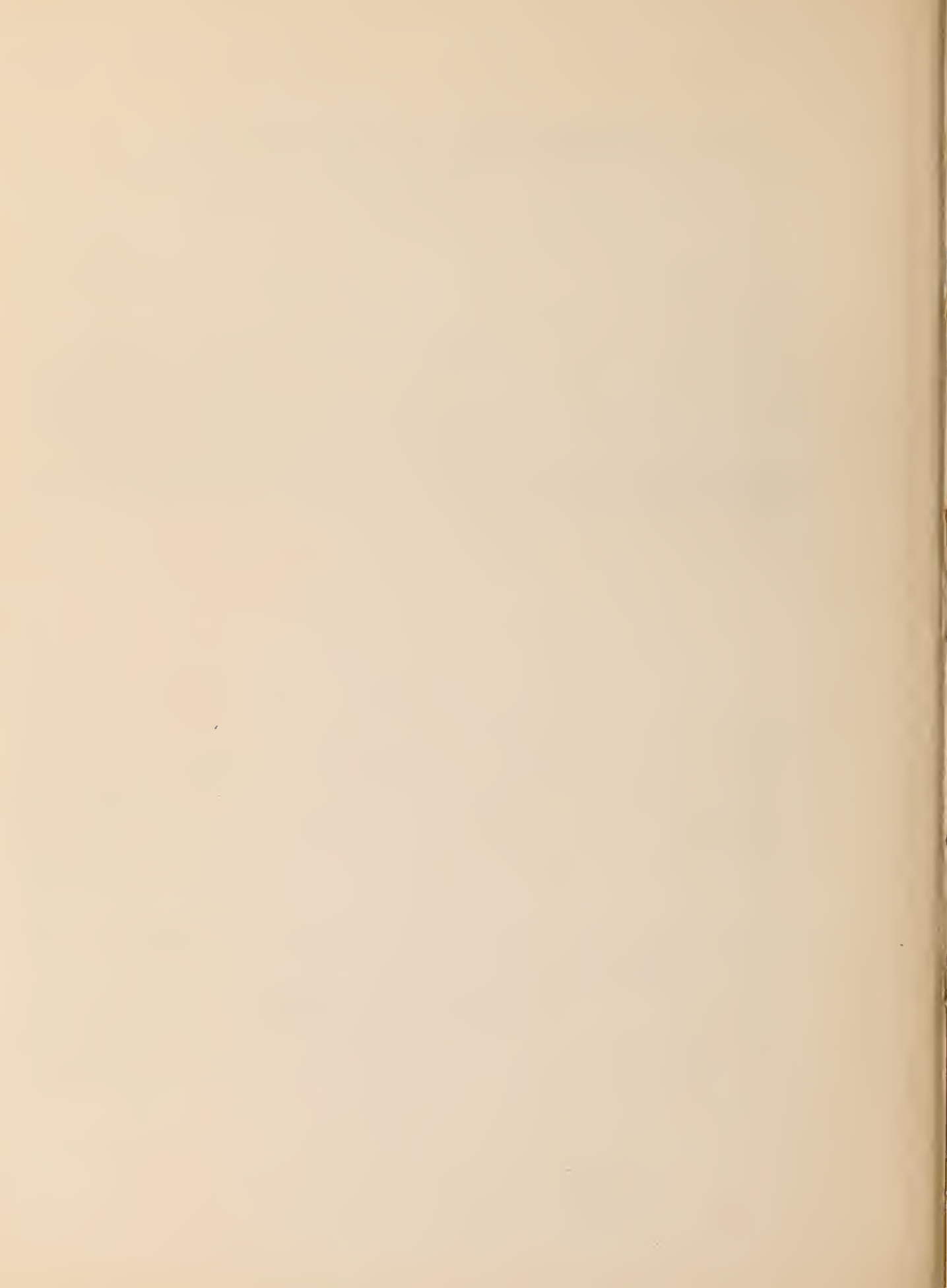
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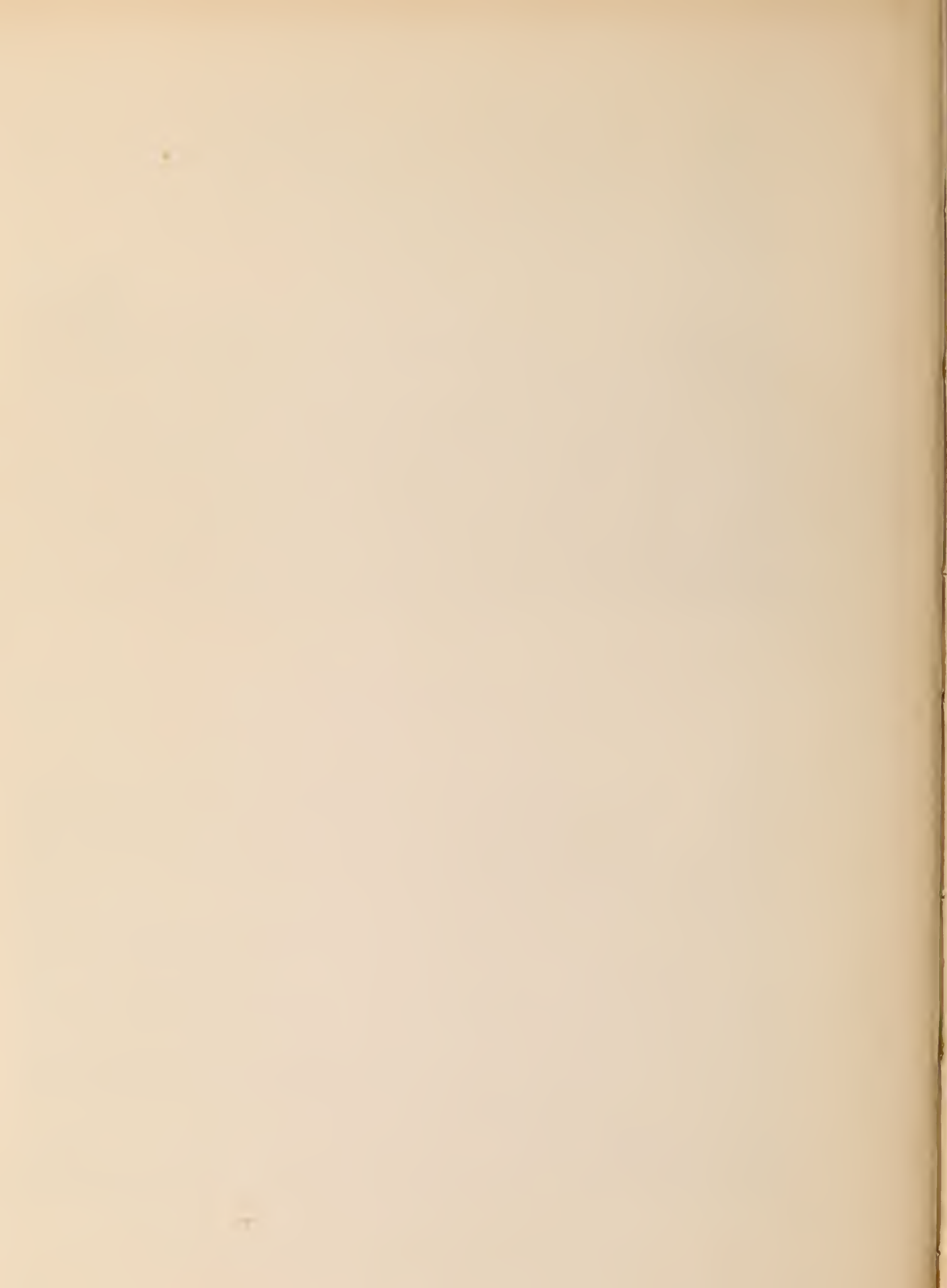
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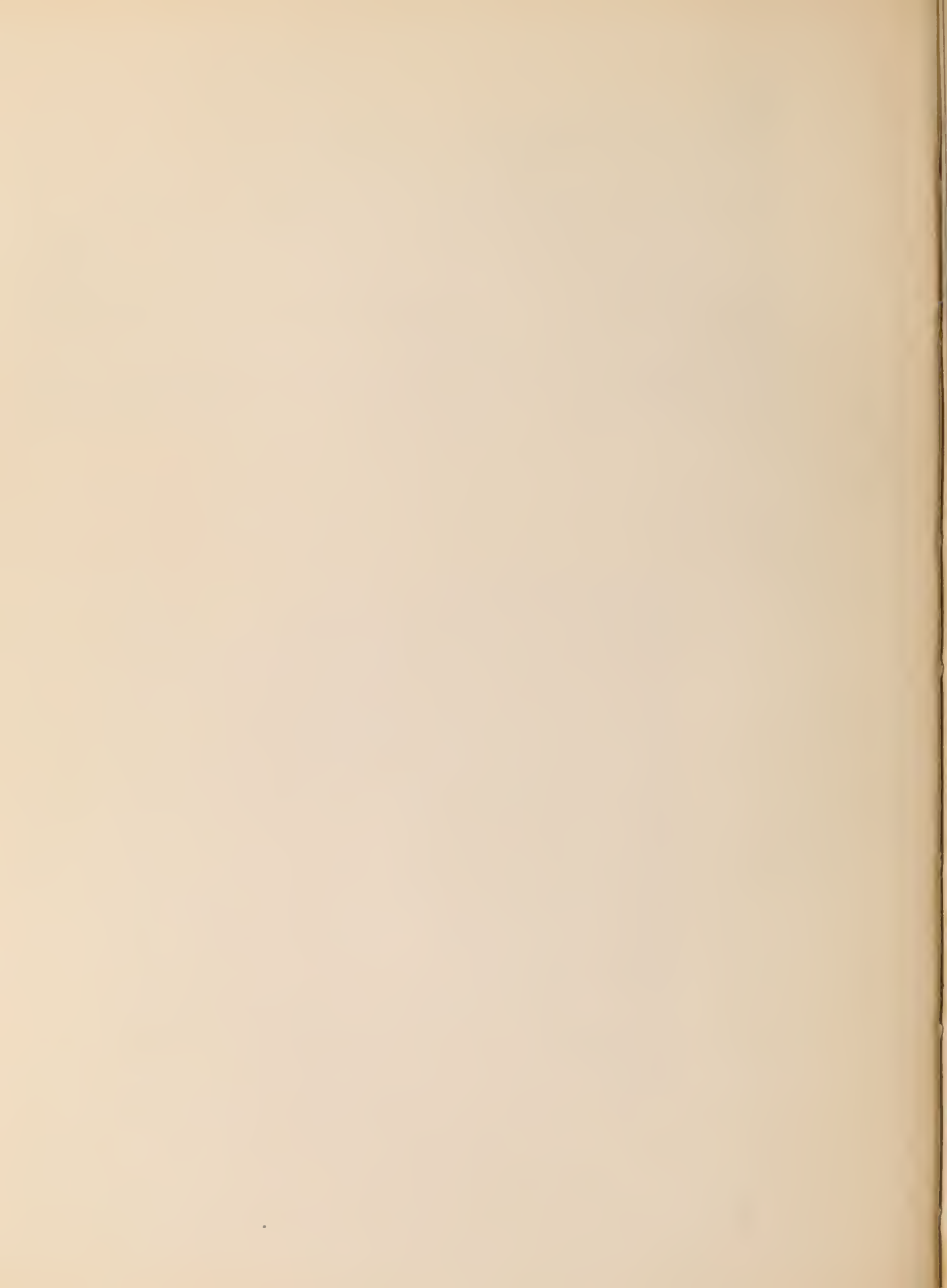
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b. Buttress No. 3, to show the height of the wall.

THE INNER FORTIFICATIONS OF THE CITY.





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TEMPLE OF HATSHEPSUT.



a. The forecourt viewed from southwest.



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a. Columns in southern half of forecourt.



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b. Entrance door viewed from interior of forecourt.

TEMPLE OF HATSHEPSUT.





SCENE 2 W.

Amon-ré embracing the king.

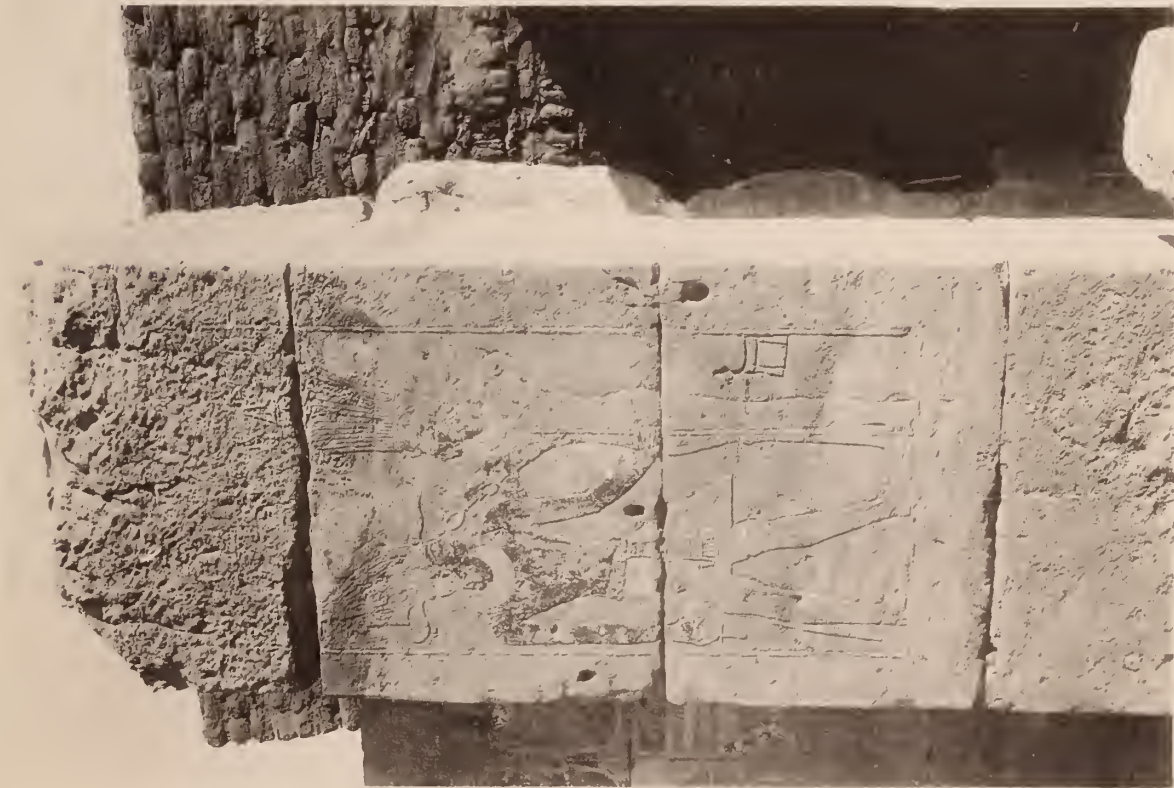
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TEMPLE OF HATSHEPSUT. EX VOTOS OF OFFICIALS.



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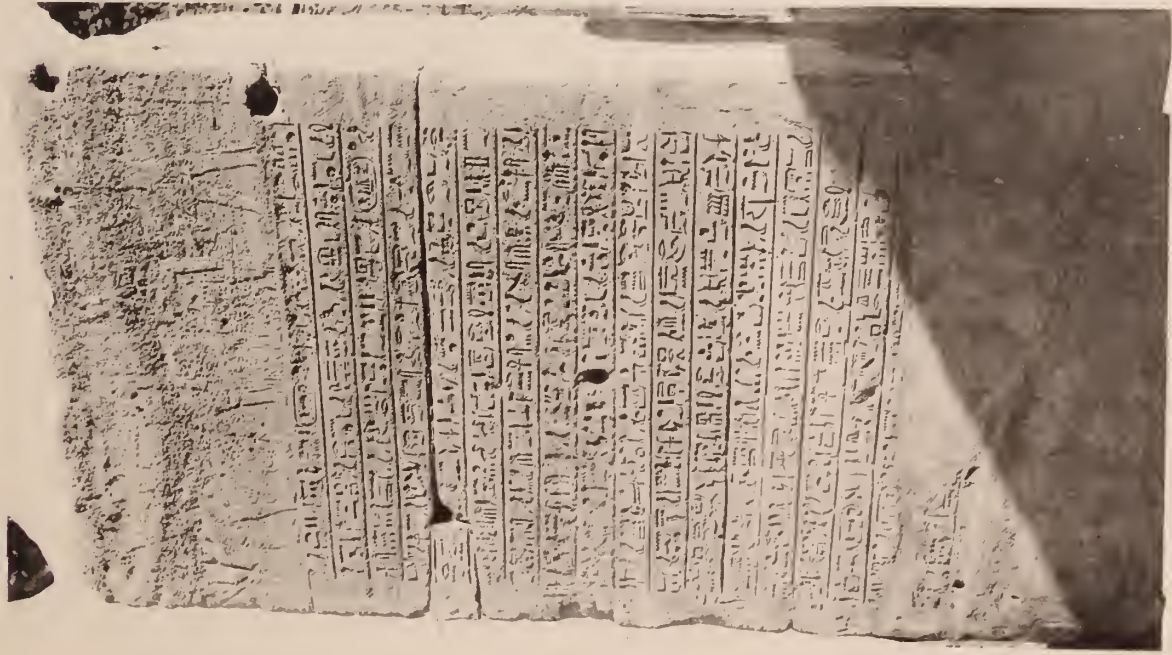
7 S. Ex voto of Piyay, who is adoring the sacred ram Mendes.



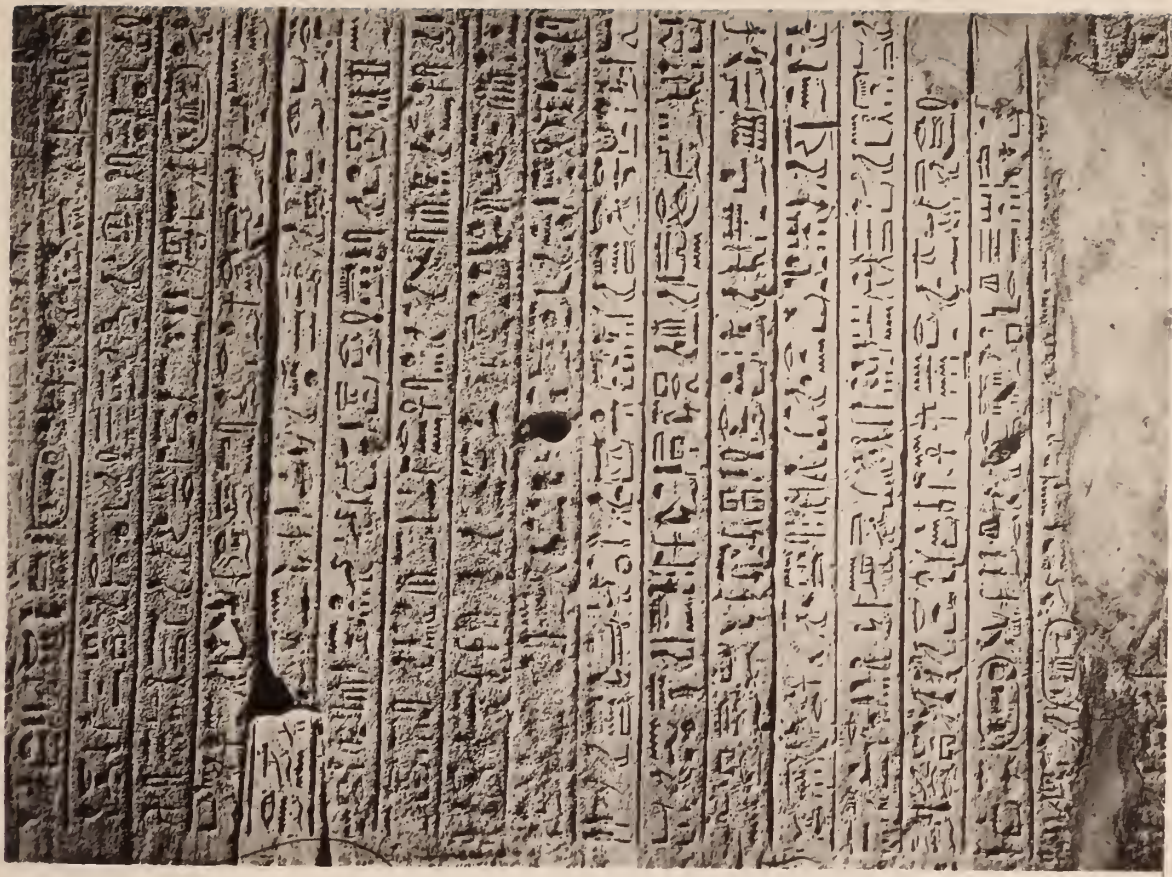
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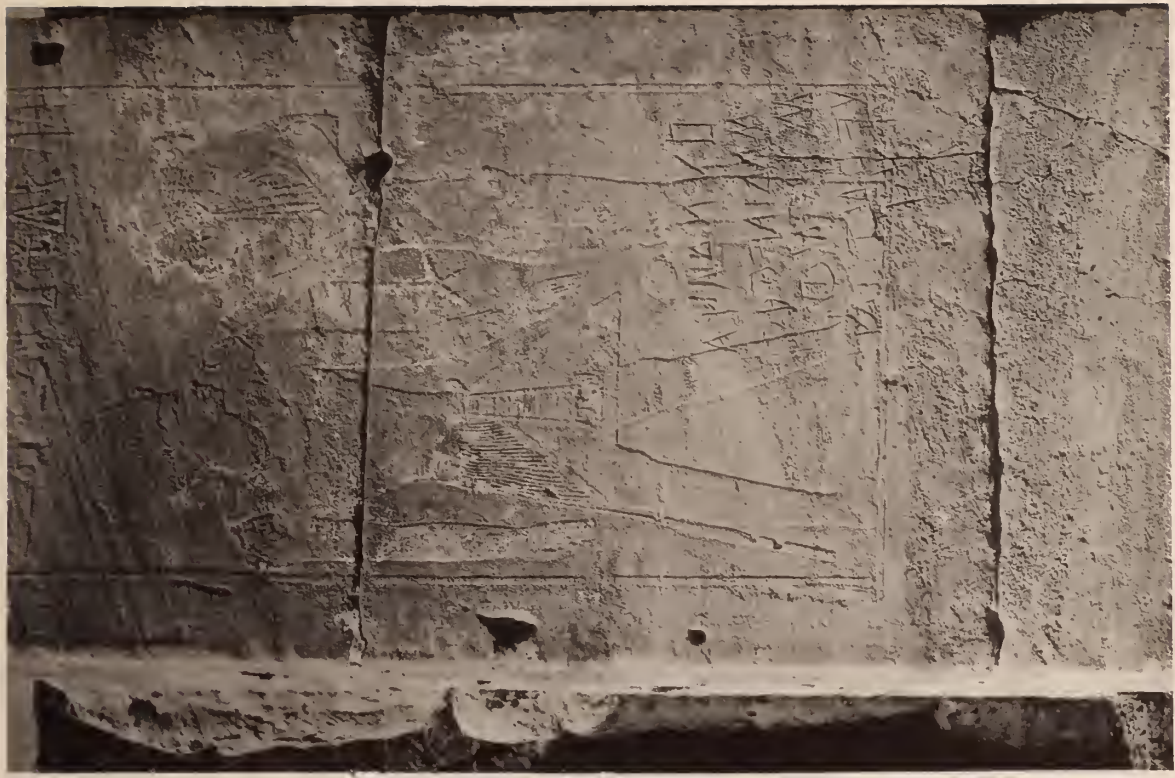
11 W. Triumphal stela of Thothmes 3rd.

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18 N. Isis holds symbol of life to king's nostrils.

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Below—Horus and King Siptah.

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16 S.

Above—Isis holds symbol of life to king.
Below—Ex voto of Horu adoring Ubastet

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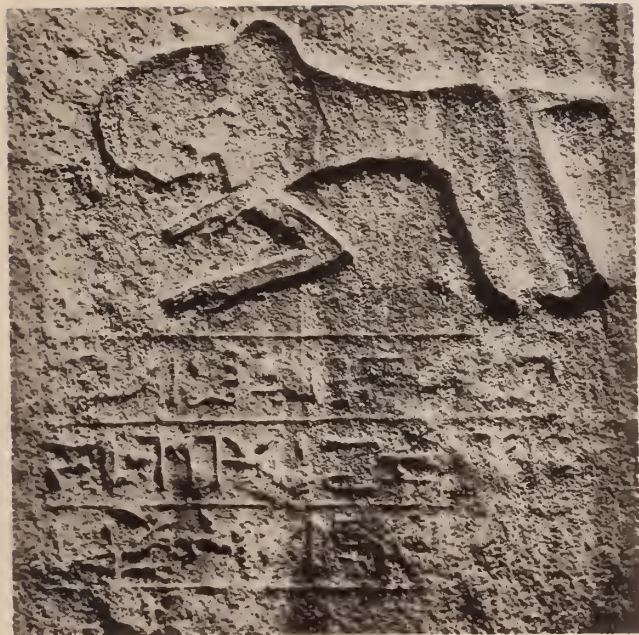


22 N.

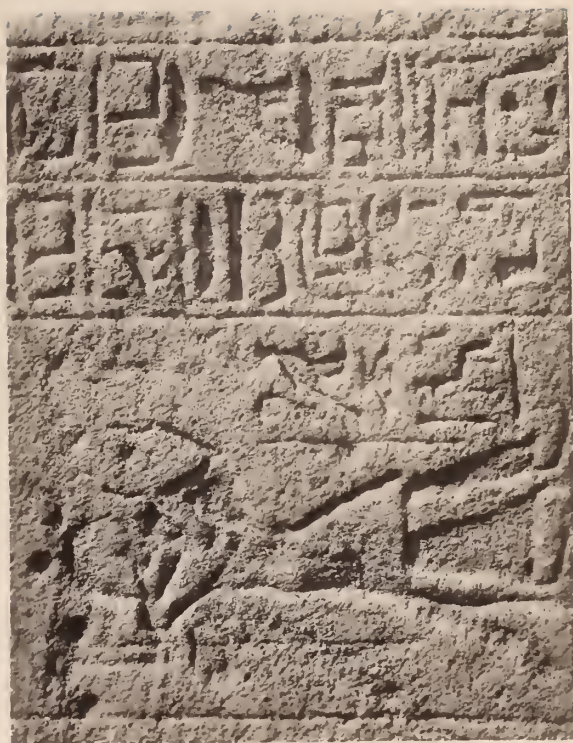
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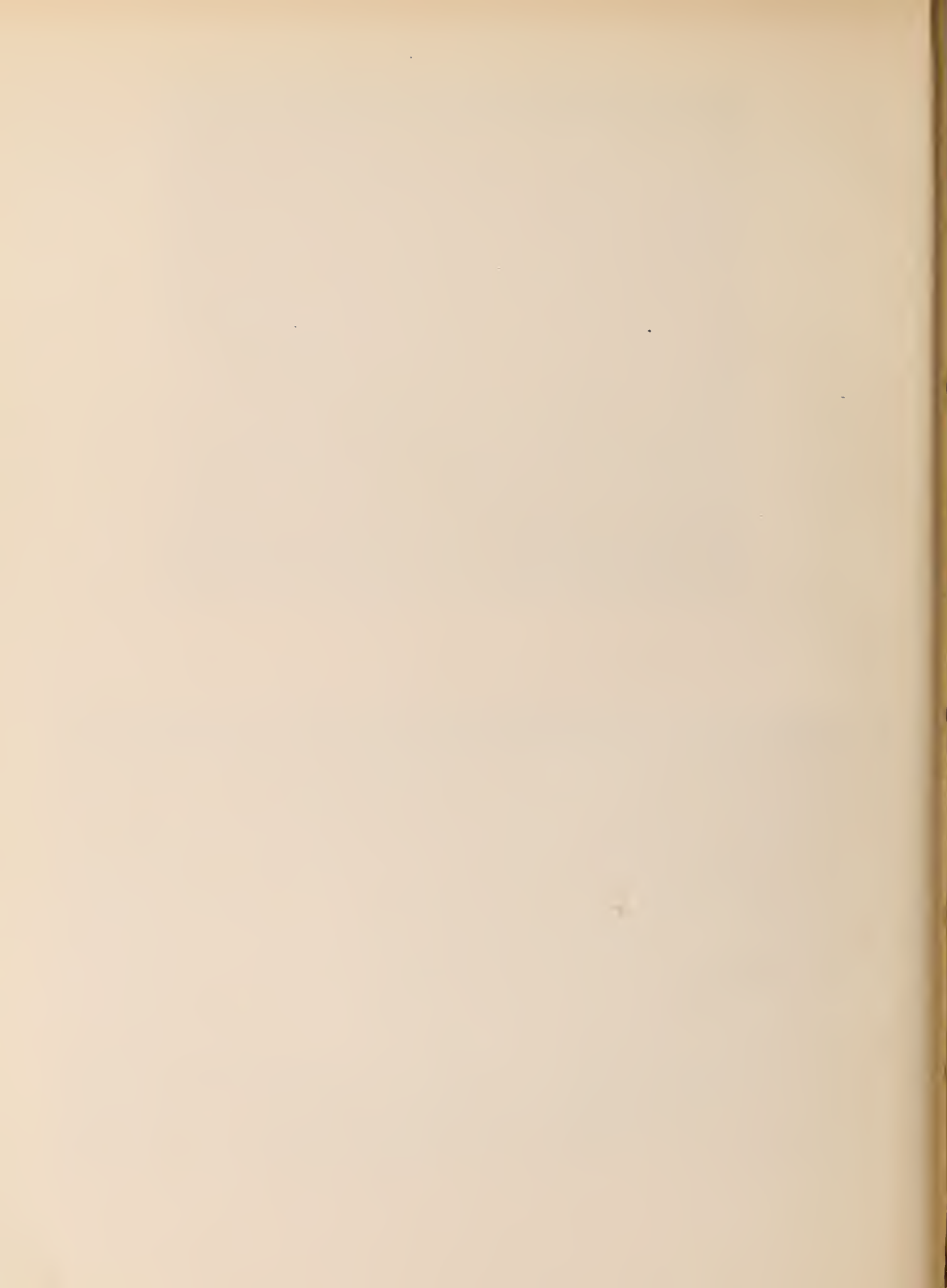
TEMPLE OF HATSEPSUT. EX VOTOS OF OFFICIALS.



33.
Hatshepsut presents the temple and endowments.
See pp. 48-49.



34.
Thothmes 2nd, in a scene exactly corresponding to the last, presents, like Hatshepsut, the temple and its endowments to the deities for whom it has been built.



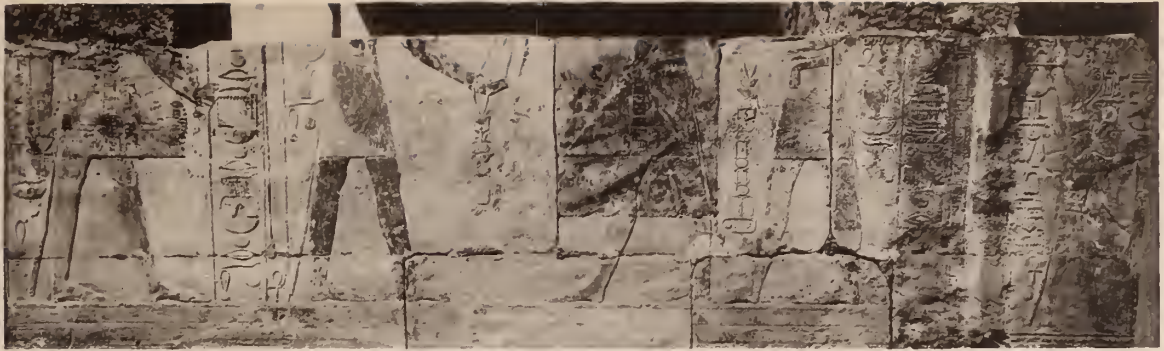


See p. 50.

39. Bull, two cows and a calf, brought as offerings.

TEMPLE OF HATSHEPSUT.





A king.

32. A king standing between two gods.

33. Hatshepsut.

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35. Thothmes 3rd embraced by a god.

36. The king is led into the presence of a goddess.

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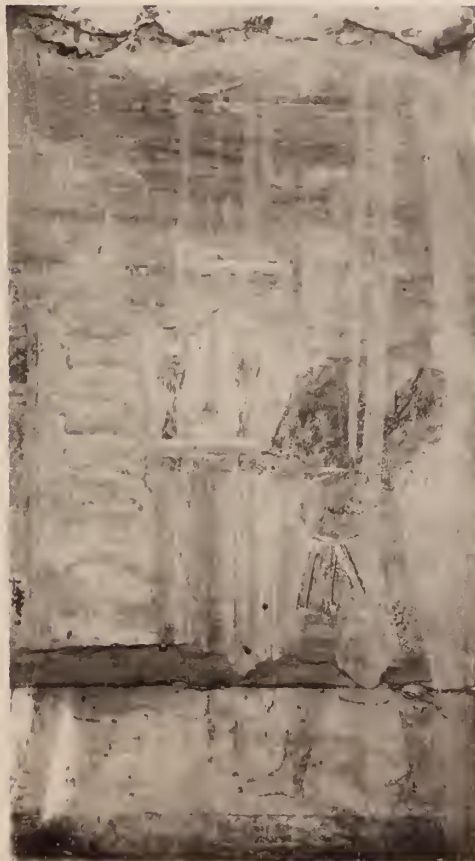


See p. 52. 44. Thothmes 3rd seated between two goddesses (only one of whom is here shown).

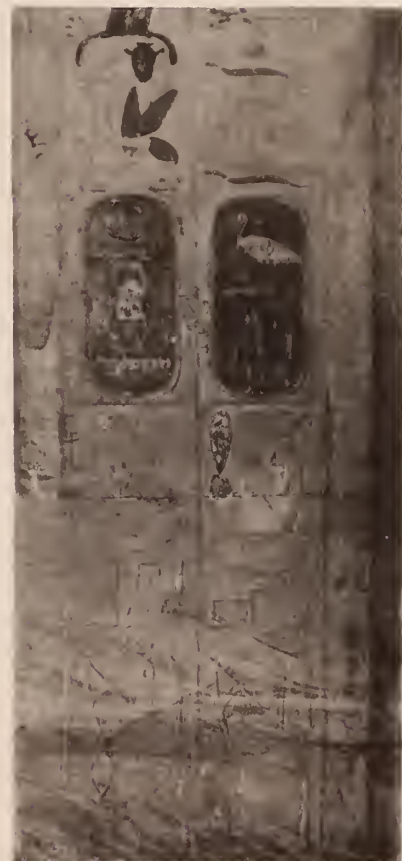
TEMPLE OF HATSHEPSUT.



45. The coronation; a seated god lays his hand on kneeling king: before them a priest.
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50. Nile god carrying food and drink upon a tray.
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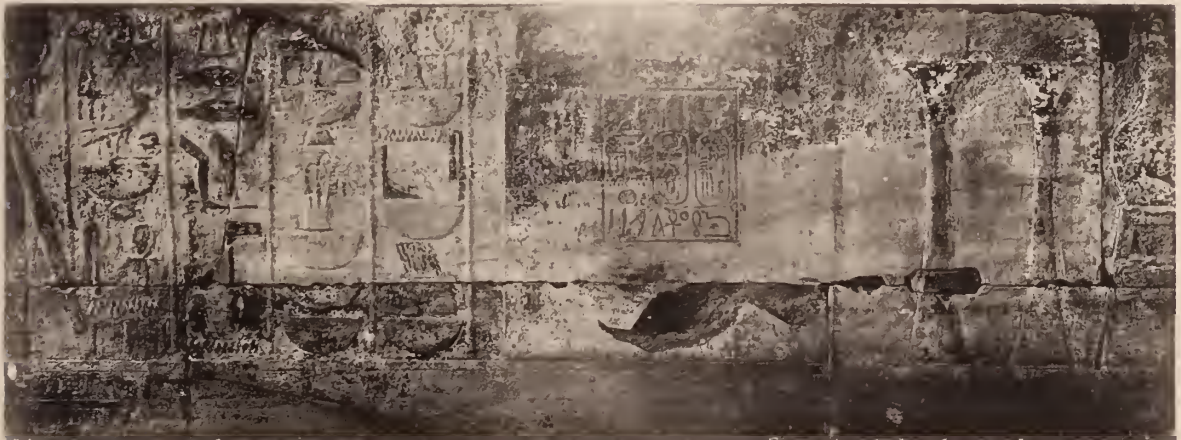
52. Hatshepsut's name altered to Thothmes 2nd.

TEMPLE OF HATSHEPSUT.



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58. The king offers two vases of wine to a god seated on a throne.



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73. Thothmes 2nd standing before a god.



See p. 62.

73. A god (as above). 74. A king, originally Hatshepsut, before a god.

TEMPLE OF HATSHEPSUT.



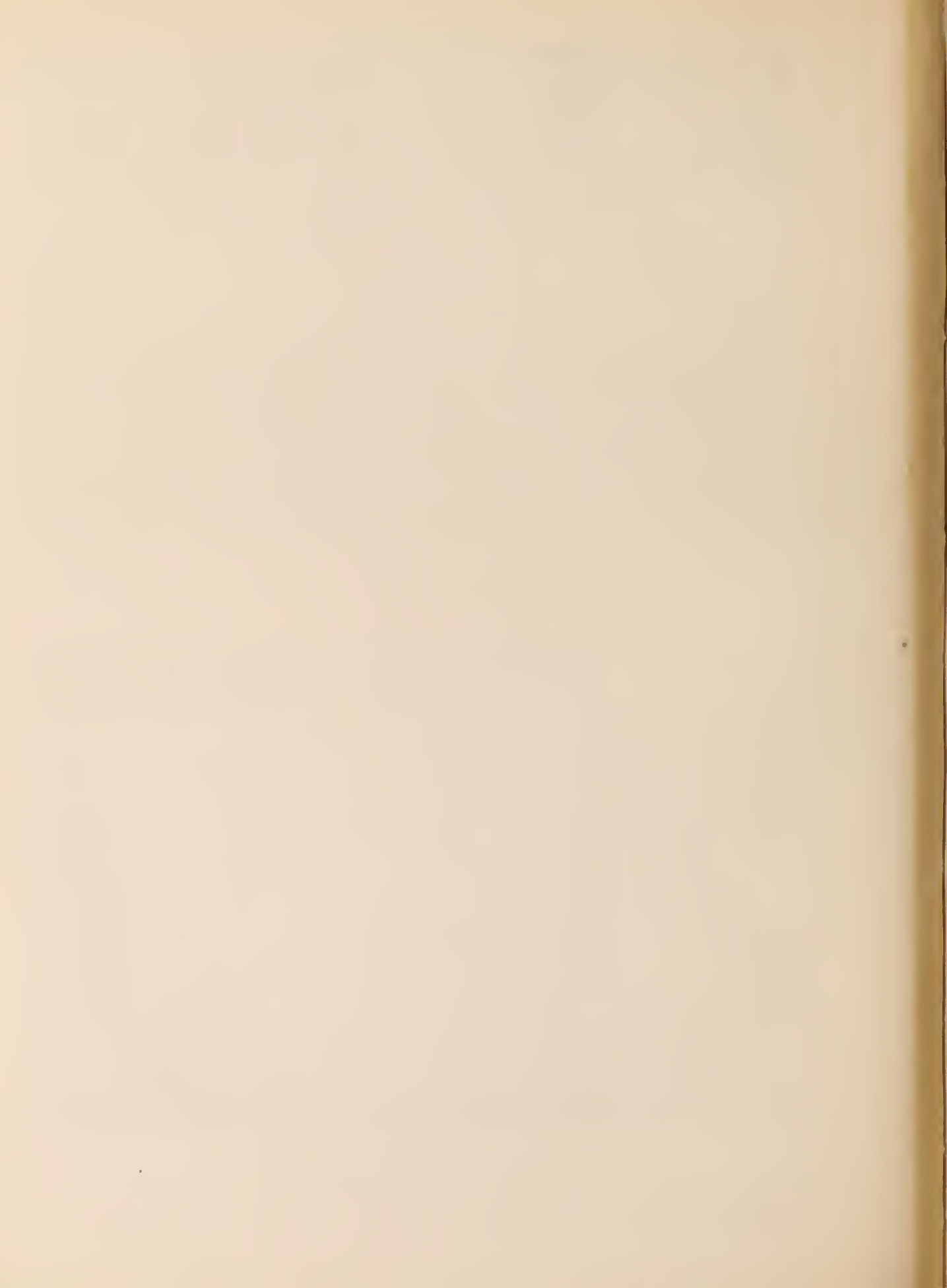
75. Thothmes 2nd before a god. 76. Hatshepsut with her ka before a god. 77. Horus and Thothmes 2nd. See pp. 62-63.

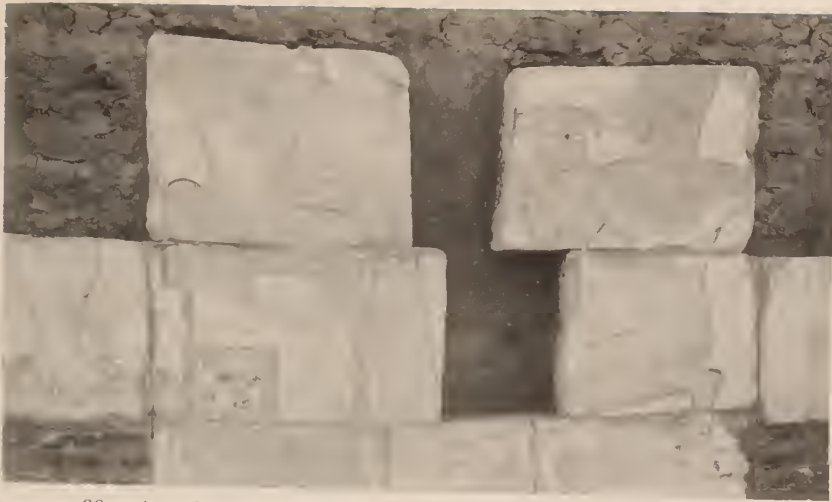


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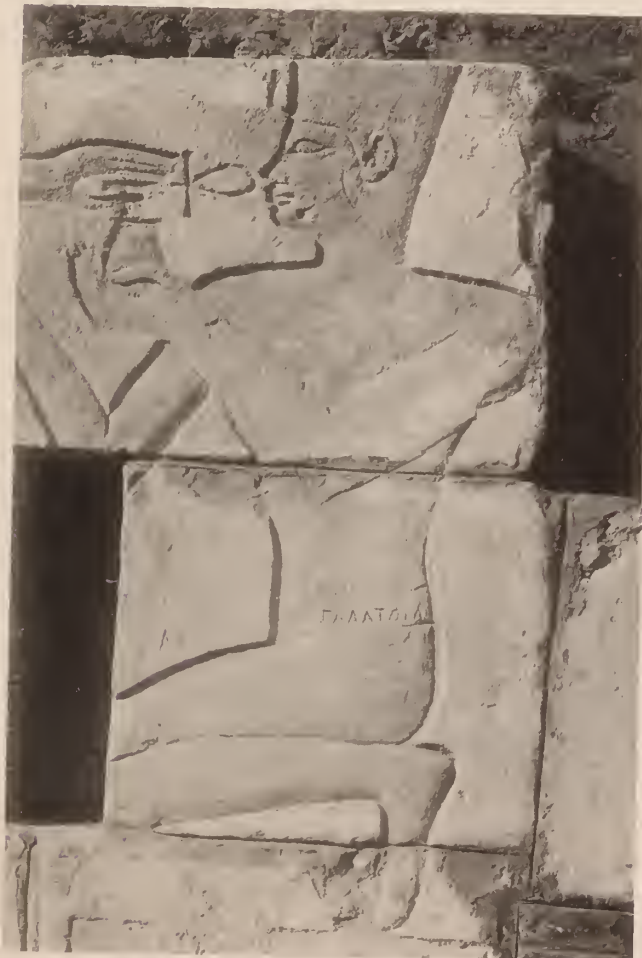
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TEMPLE OF HATSHEPSUT.





90. A god holds symbol of life to nostrils of kneeling king.



90. The kneeling king, whose features resemble Tithaka.
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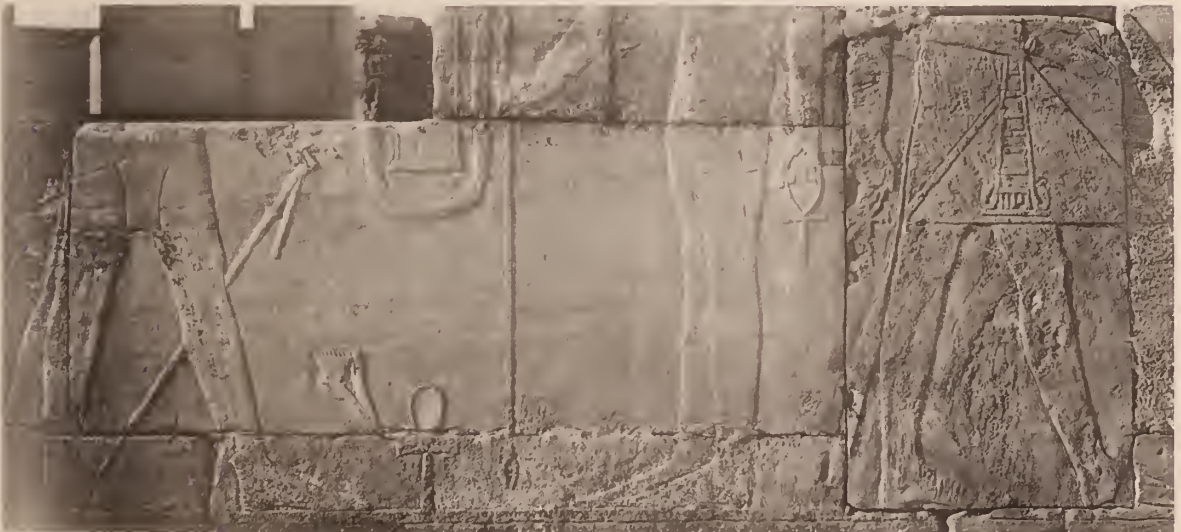
TEMPLE OF HATSHEPSUT.



98. Hatshepsut (block cut out) offers young bulls to a god.

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TEMPLE OF HATSHEPSUT.



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108. (Left) Thothmes 1st.
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109. A king with a table of offerings.



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111. Thothmes 2nd dancing before the goddess Neith (not shown).



a. The Temple of Amenhotep 2nd, in almost the condition that Champollion saw it.



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b. The Temple of Amenhotep 2nd viewed from the east.

THE NORTHERN TEMPLE



a. The Temple of Amenhotep 2nd viewed from the southeast.



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b. The Temple of Amenhotep 2nd viewed from the northeast.

THE NORTHERN TEMPLE.



a. West end of the Twelfth Dynasty Governor's House, L, with west wall of Amenhotep's temple, M, above it. In the background are the great wall of the inner city, and Hatshepsut's temple enclosed by a modern wall.



b. Excavating the Temple of Amenhotep 2nd and the houses surrounding it. The letters M and N show the new Empire levels.

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a. The series of New Empire buildings overlying the southern and eastern parts of the Governor's House.



b. Eastern end of the Twelfth Dynasty Governor's House, L, and two New Empire levels M and N above it.

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a. Group of Eighteenth Dynasty houses on north side of temple. Viewed from west.



b. Group of Eighteenth Dynasty houses on north side of temple. Viewed from east.
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Part of pillar with cartouche of
Amenhotep 2nd. See p. 84.



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10982. Stela of the Scribe Amenemhat.

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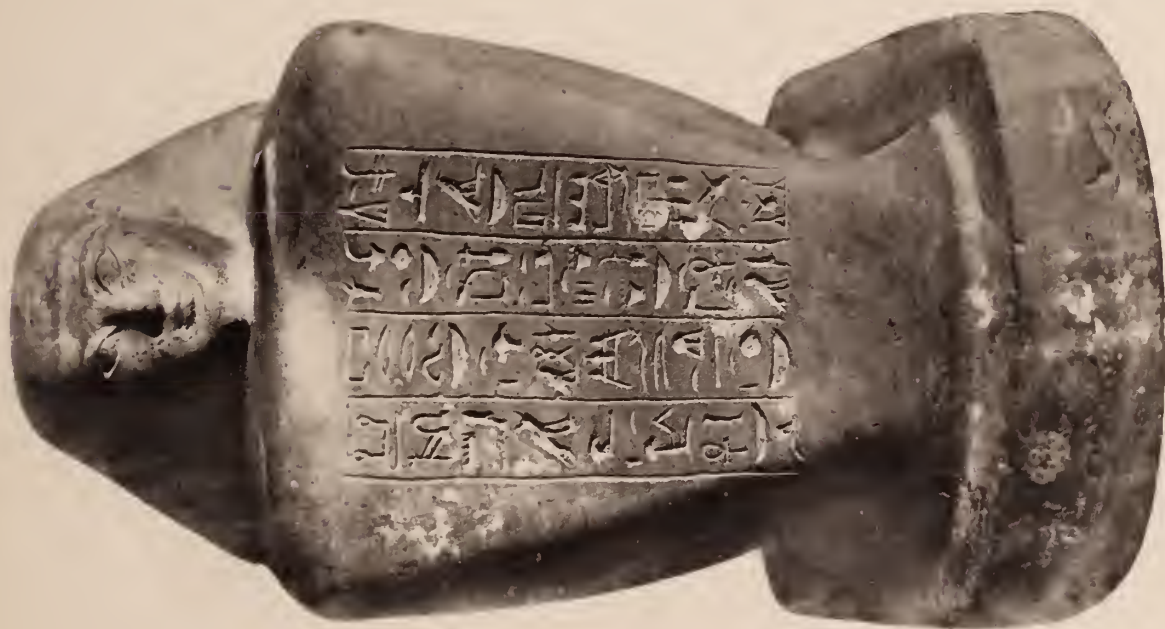
10987. DOOR SET UP IN THE NORTHERN TEMPLE FOR AAHMES 1st BY THURE, THE FIRST VICEROY OF NUBIA.



See pp. 108-107.



STATUE OF THE SCRIBE AMENEMHAT.



Statuette of the Scribe Amenemhat.
See p. 110.



Statue of the Scribe Ahmes.
See p. 111.



S XXI



S XXII



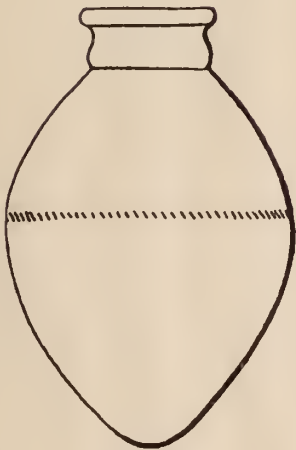
S XXII



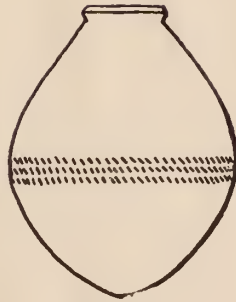
S XXIIIb



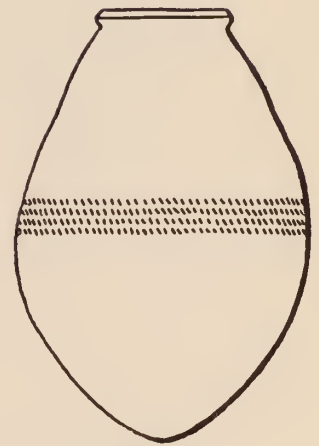
S LXXII



S LXXV



S LXXVI



S LXXVII



S VIII



S LXXVIII



S LXXIX

See p. 116.



10966. S LXXVIII



10968. S VIII

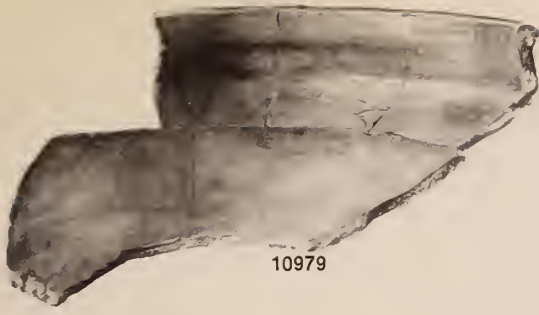


10970. S LXXVII

See p. 116.



10972. S LXXIX



10979



10979



10975



10974



10953



10977

See pp. 116, 117.

POTTERY FROM HOUSES ADJOINING THE NORTHERN TEMPLE.



10909



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10911



10911



10911



10911



10912



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10913



10914



10914



10914



10915



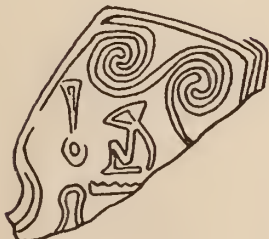
10915



10915



10917



10920



10920



10920



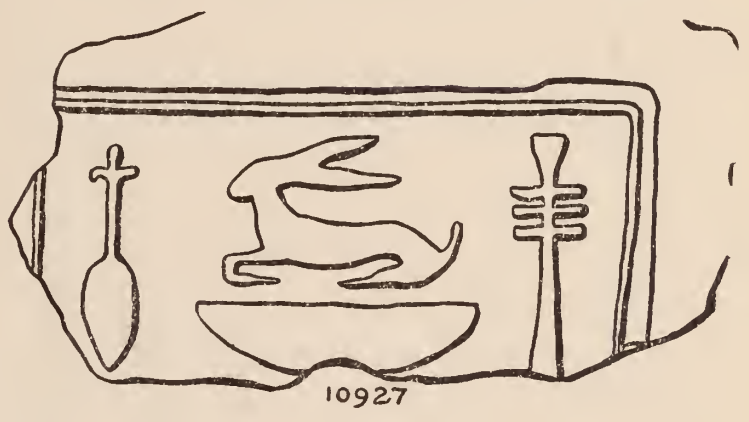
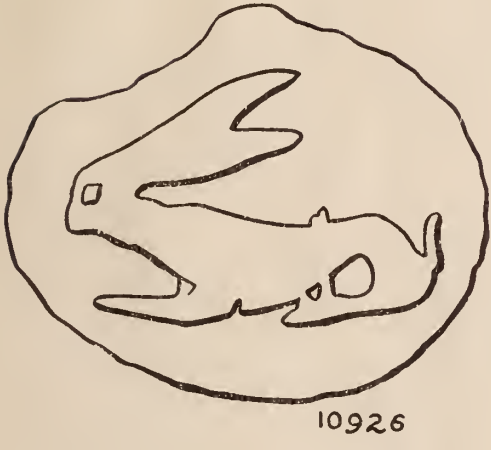
10921



10921

See p. 117.

CLAY IMPRESSIONS FOUND IN HOUSES ADJOINING THE NORTHERN TEMPLE.



See pp. 117, 118.

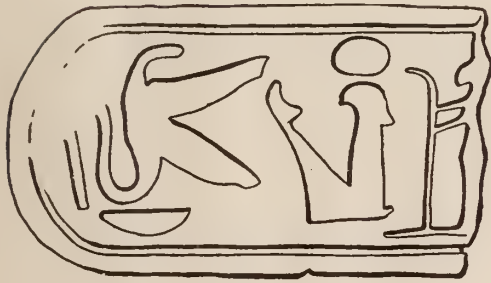
LARGE CLAY SEALINGS FOUND NEAR THE TEMPLES.



10940. Model boomerang of glaze.

See p. 93.

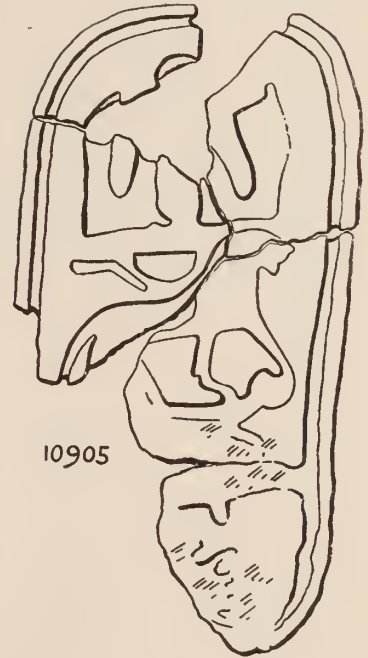
10941. Glaze, inscribed on both sides.
See p. 93.



10903



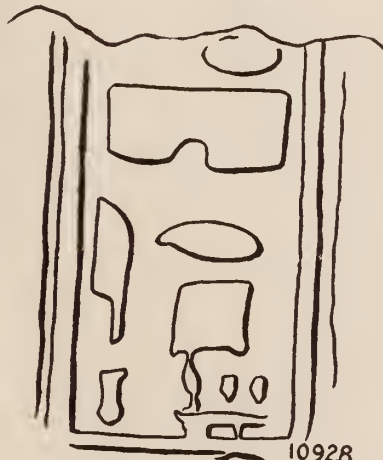
10904



10905



10906



10928



10932



10930



10929

See p. 118.

Pottery stamps and clay sealings.

OBJECTS FOUND NEAR THE TEMPLES.



Tomb H 30, showing covering-slabs over the shaft and remains of brickwork.



Tomb J 15, showing brick forecourt and brick-lined cutting in front of the door.
See pp. 129, 130.



S I
10556. H 80



S II
10473. H 18



S III
10637. H



S IV
10449. H 12



S V
10552A. H 79



S VI
10542. H 74

See p. 132 and Cat.



S VII
10567. J 5



S VIII
10451. H 12



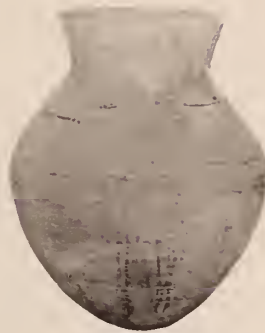
S IX
10426. H 1



S X
10587. J 18



S XI
10450. H 12



S XII
10486. H 24



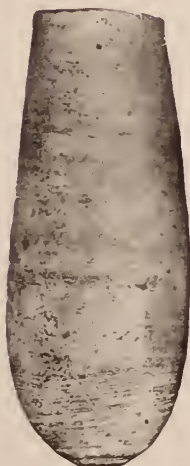
S XIII
10497. H 33



S XIV
10438. H 5



S XV
10509. H 60



S XVI
10584. J 17



S XVII
10572. J 11



S XVIII
10454. H 13



S XIX
10427. H 1

See p. 132 and Cat.

TYPES OF POTTERY FROM H AND J, TWO NEW EMPIRE CEMETERIES.



S XX
10589. J 18



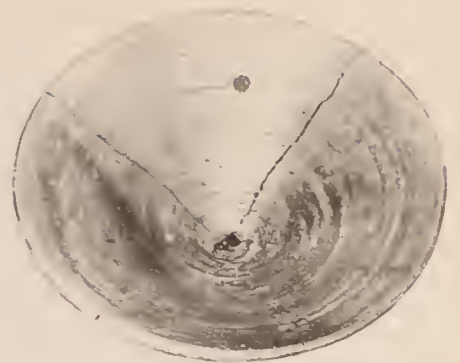
S XXI
10489. H 25



S XXII
10481. H 21



S XXIII
10492. H 26



S XXIII
10444. H 10



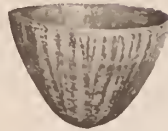
S XXIV
10431. H 3



S XXV
10571. J II



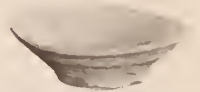
S XXVI
10535. H 74



S XXVII
10577. J 13



S XXVIII
10555. H 79



S XXIX
10551. H 79



S XXX
10448. H 10



S XXXI
10465. H 16



S XXXII
10442. H 6



S XXXIII
10443. H 8



S XXXIV
10533. H 74



S XXXV
10430. H



S XXXVI
10447. H 10



S XXXVII
10446. H 10



S XXXVIII
10605. J 30



S XXXIX
10574. J 12



S XL
10583. J 15

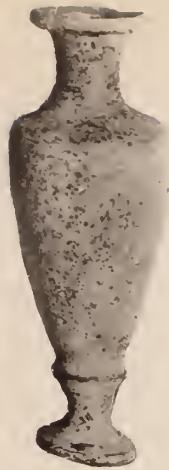
See p. 132 and *Cat.*



S XLI
10593. J 20



S XLII
10445. H 10



S XLIII
10433. H 3



S XLIV
10607. J 30



S XLV
10618. J 35



S XLVI
10476. H 39



S XLVII
10494. H 26



S XLVIII
10608. J 32



S XLIX
10647. H 10



S L
10480. H 21



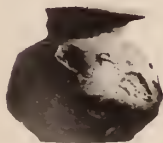
S LI
10511. H 63



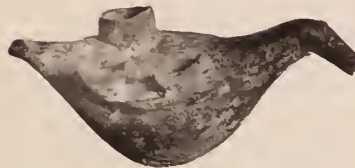
S LII
10441. H 6



S LIII
10487. H 25



S LIV
10503. H 45



S LV
10603. J 28



S LVI
10519. H 60



S LVII
10499. H 33



S LVIII
10609. J 33B



S LIX
10614. J 33B



S LX



S LXI



S LXII



S LXIII



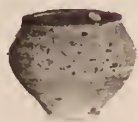
S LXIV



S LXV



S LXVI



S LXVII
10539. H 74



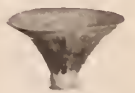
S LXVIII
10552 B. H 79



S LXIX
10635. J 1



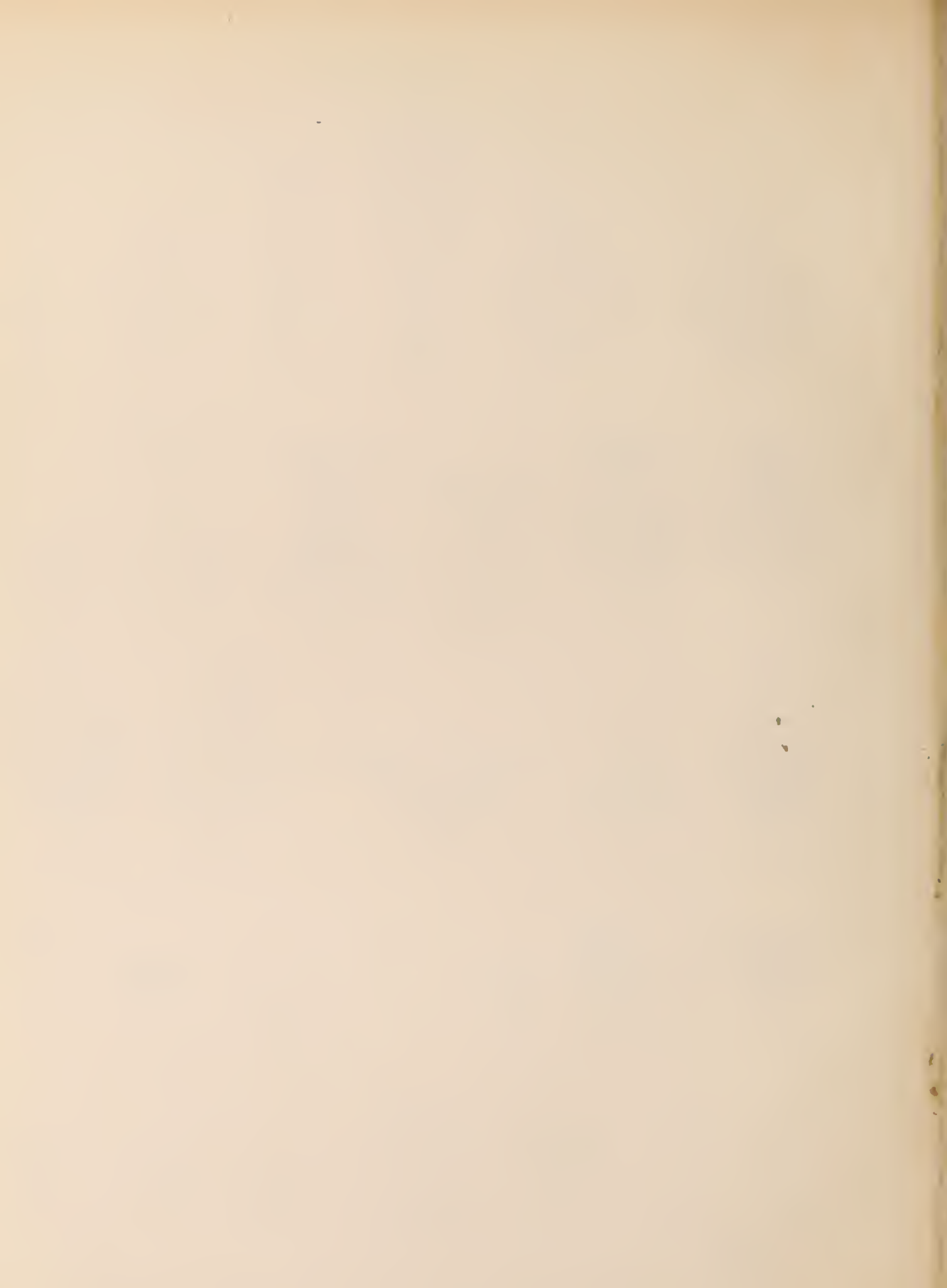
S LXX
10566. J 4



S LXXI

See p. 132 and Cat.

TYPES OF POTTERY FROM H AND J, TWO NEW EMPIRE CEMETERIES.





10601
J 27



10622 B
J 41



10766. K 9



10767
K 9



10623
J 41



10622
J 41



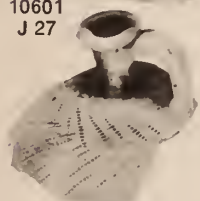
10766. B
K 9



10770. K 10



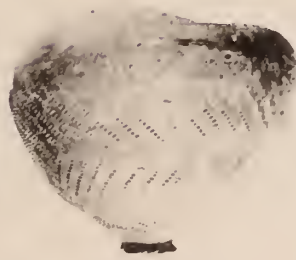
10617. B J 38



10645
H 76



10498B. H 33



10547. H 76



10498A. H 33



10501. H 40



10713. K 1



10619. J 37



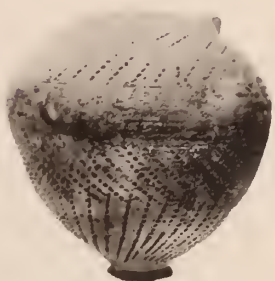
10527. H 74



10831. H 32



10499. H 33



10595. J 21



10617. J 38



10621. J 41



10899



10765. K 9



10540. H 74

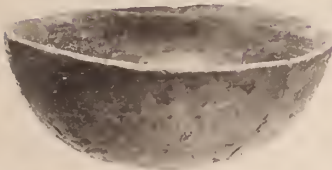
See pp. 133-4 and Cat.



10626A. J 46



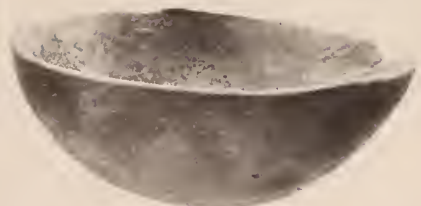
10626B. J 46



10493. H 26



10954. Surface



10505. H 45

See Cat.

Black-topped haematitic pots and bowls, inferior examples.



10563. J 2



10738. K 5

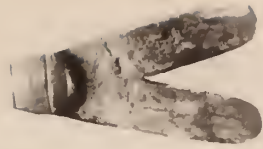


10564. J 2

See p. 132 and Cat.

Painted vases of very fine style and fabric.

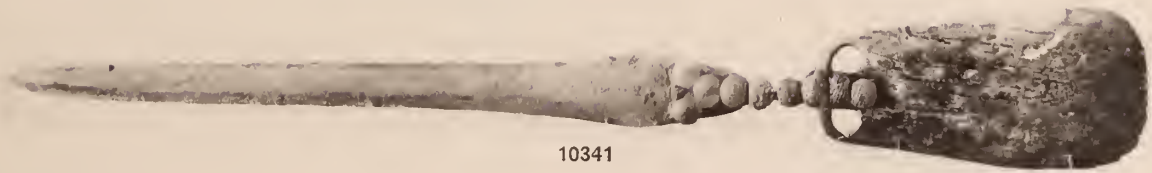
RARE KINDS OF NEW EMPIRE POTTERY.



10347 A



10347 B



10341

The ivory-handled bronze sword and the ivory amulets found in Tomb J 33 B.



Tomb J 33 B, showing the skeleton in position with sword, pottery, etc.

See pp. 134-5, 174-5.

A NATIVE NUBIAN TOMB OF THE EIGHTEENTH DYNASTY.



10611



10612



10613



10615



10614



10610



10609



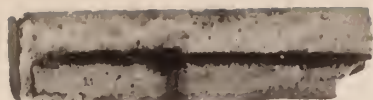
10608

See pp. 134-5.

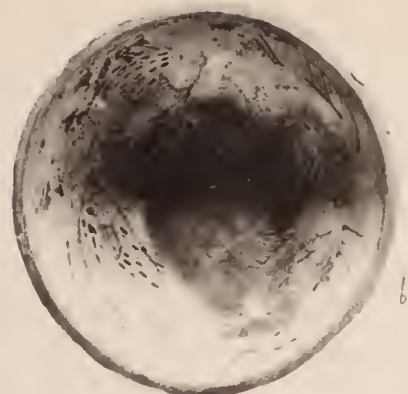
SET OF BLACK-TOPPED HAEMATITIC VASES OF THE FINEST FABRIC FROM THE EIGHTEENTH DYNASTY TOMB J33 B.



10678 B



10286



10289



10285



10290



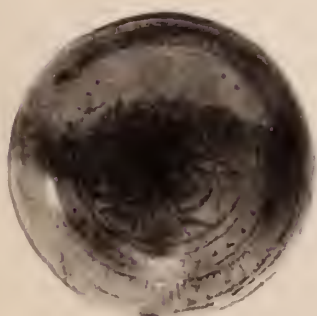
10287



10293

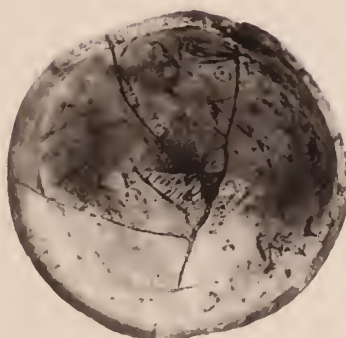


10291

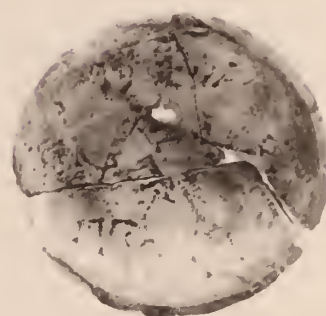


10292

See p. 131 and Cat.



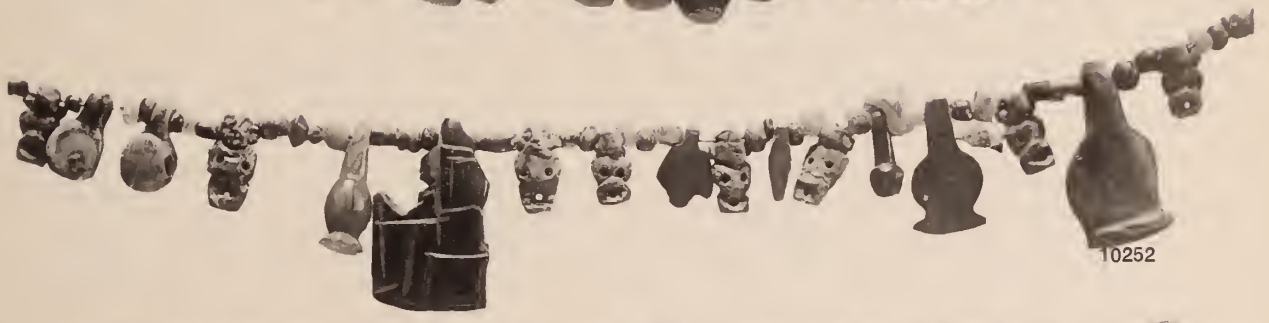
10294



10295



10249



10252



10253



10255



10261



10262



10266



10271



See Cat.

NEW EMPIRE BEADS.



10013



10023 B



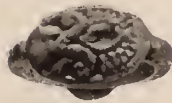
10031



10119



10135



10138



10143



10155



10205



10206



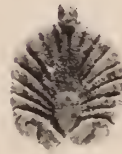
10207



10213



10215



10218



10219



10221



10225



10228



10231



10232



10234



10235



10239



10240



10677

See Cat.

NEW EMPIRE AMULETS.



10002



10003



10006



10007



10008



10010



10011



10012



10014



10016



10017



10018



10019



10020



10021



10023



10024



10025



10026



10027



10028



10029



10030



10032



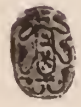
10033



10034



10036



10037



10038

See Cat.



10039



10040



10041



10042



10043



10044



See Cat.



10111



10113



10114



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10166



10174



10175

See Cat.



10176



10177



10178



10180 A



10180 B



10181



10182



10183



10184



10185



10186



10187



10188



10189



10190



10191



10192



10193



10194



10195



10197



10199



10200



10201



10202



10038



10062

See Cat.



10128



10157



10162



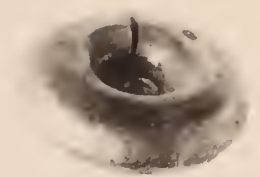
10175



10196



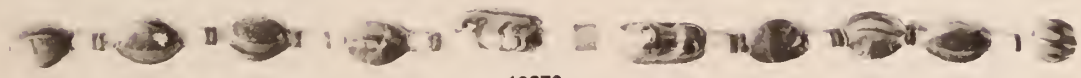
10354



10353



10251



10279

See Cat.

Ornaments of gold and of electrum. New Empire.



See p. 173.

Plaster mask lying on the face in tomb J 29.



10424. J 42



10419. J 15



10403. H 3



10414. H 21



10405. H 10



10312

BUHEN.



10311

See p. 135.

BRONZE MIRRORS—NEW EMPIRE.



10325 A



10310



10338
Iron chisel.



10302



10306



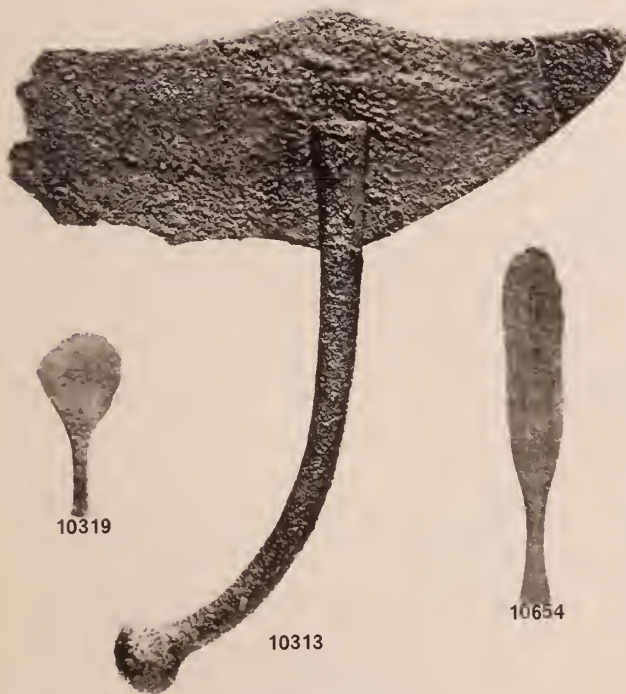
10332



10314

Bronze knives and cleaver.

See p. 135 and Cat.



See Cat.

Bronze implements.

Carved wooden figures.



See p. 136.

10327A. Silver torque with pendants of silver and of bronze.



10046

See Cat.



10112



10137



10198

IMPRESSIONS FROM BRONZE RINGS.



10298



10711



10296



10300



10297

See p. 131.



10299

NEW EMPIRE STONE VASES.



See p. 131.

COMPLETE SERIES OF THE FORMS OF STONE VASES FOUND IN THE CEMETERIES H AND J.



a. Foundations of a Romano-Nubian Temple.



b. Ruins of a Romano-Nubian house.

See p. 125.



10472. H 17



10625. J 43



10490. H 23



10627. J 43



10437. H 5



10436. H 4



10646. H 4



10435. H 4

See p. 135.

HANDMADE BLACK INCISED POTTERY, ROMANO-NUBIAN.



Interior of an Eighteenth Dynasty Tomb, K 5.

See pp. 198, 199.



Dromos and door of a Twelfth Dynasty Tomb, K 8.

See p. 200.



K 8. Interior looking north, the central room and side-chambers.

See p. 200.



K 8. Interior looking south, central room with statue of Merer.

See p. 200.

INTERIOR OF A TWELFTH DYNASTY TOMB.



See pp. 192, 201.

STATUE OF THE GARDENER MERER.



See pp. 192, 201.

STATUE OF THE GARDENER MERER



Inscribed plaque, obverse.



Inscribed plaque, reverse.



Inscribed plaque, amethyst and gold necklace, in position as found.

See pp. 192, 200.

CONTENTS OF CHAMBER F IN TOMB K 8.



K 9. Showing chamber A with pottery and alabasters in position.

See p. 202.



K 10. Showing chamber A in foreground, chamber B in background

See p. 202.



K 12. Showing remains of vaulting over the dromos and remains of chapel.

See p. 187.



K 12. Showing chamber A with scattered skeletons, also door of chamber E.

See p. 203.

EXTERIOR AND INTERIOR OF A TWELFTH DYNASTY TOMB.



Group K 19 to K 25, showing the character of small tombs and of large.



K 14 to K 26, showing the brick court in front of K 25.

See pp. 187, 206.

SUPERSTRUCTURES OF TWELFTH DYNASTY TOMBS.



K 25. Dromos, and remains of chapel above the tomb.

See p. 188.



K 27. Dromos, and stela over the entrance-door of the tomb.

See pp. 189, 208.

SUPERSTRUCTURES OF TWELFTH DYNASTY TOMBS.



See p. 211.

K 33. Dromos, closed at its entrance by a stone portcullis.



See p. 212.

K 35. Dromos, showing the side-walls that supported the vaulting.



K 37. Dromos viewed from east. Pillars at west end.



K 37. Dromos viewed from southeast. Two pillars at northwest corner.

See pp. 189, 190.

SUPERSTRUCTURE OF A TWELFTH DYNASTY TOMB.



K 38. With remains of enclosing court. Pillars in front of K 40.

See pp. 213, 214.



K 39. With pillars at northeast and southeast corners.

See pp. 213, 214.

SUPERSTRUCTURES OF TWELFTH DYNASTY TOMBS.



K 39 with its surrounding pillars, P, viewed from the north.



K 39 with its surrounding pillars, P, viewed from the east.

See pp. 213, 214.

TWELFTH DYNASTY TOMBS.



Pots covering infant burials, against south enclosure wall of K 38.

See p. 213.



K 44. Brickwork of the tomb viewed from the south.

See p. 214.

TWELFTH DYNASTY TOMBS.



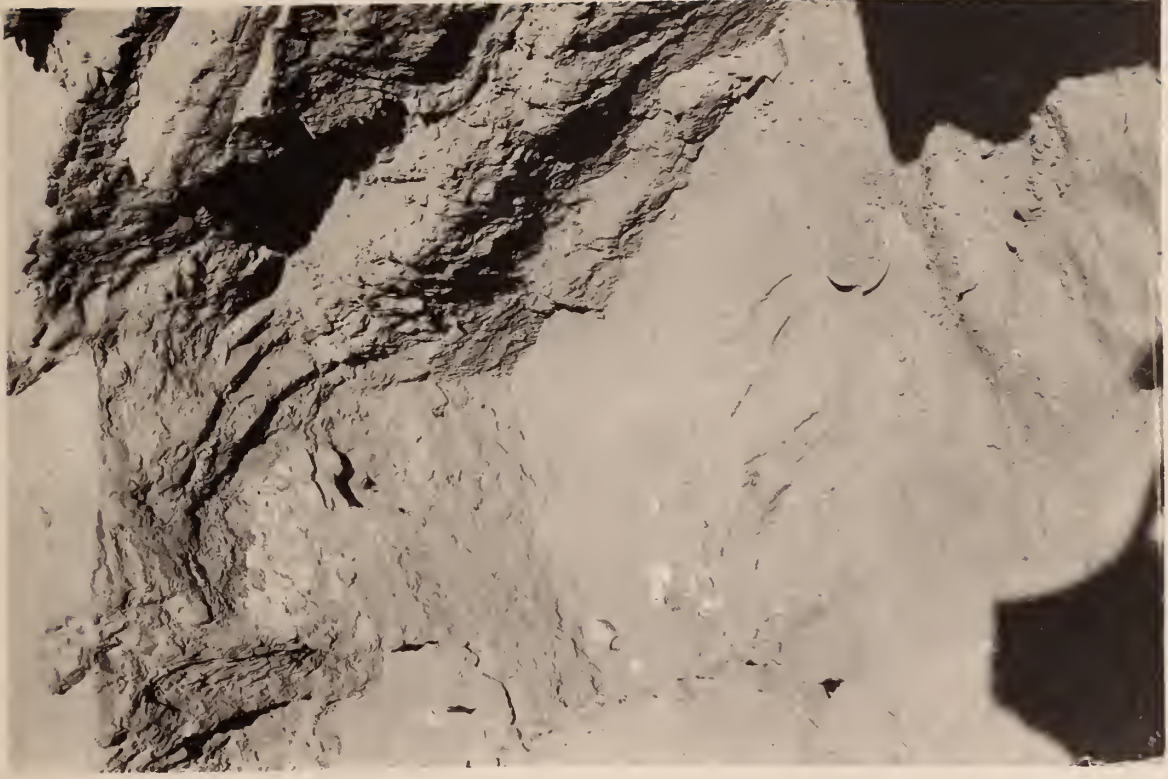
K 44. Brickwork of the east end, outside.



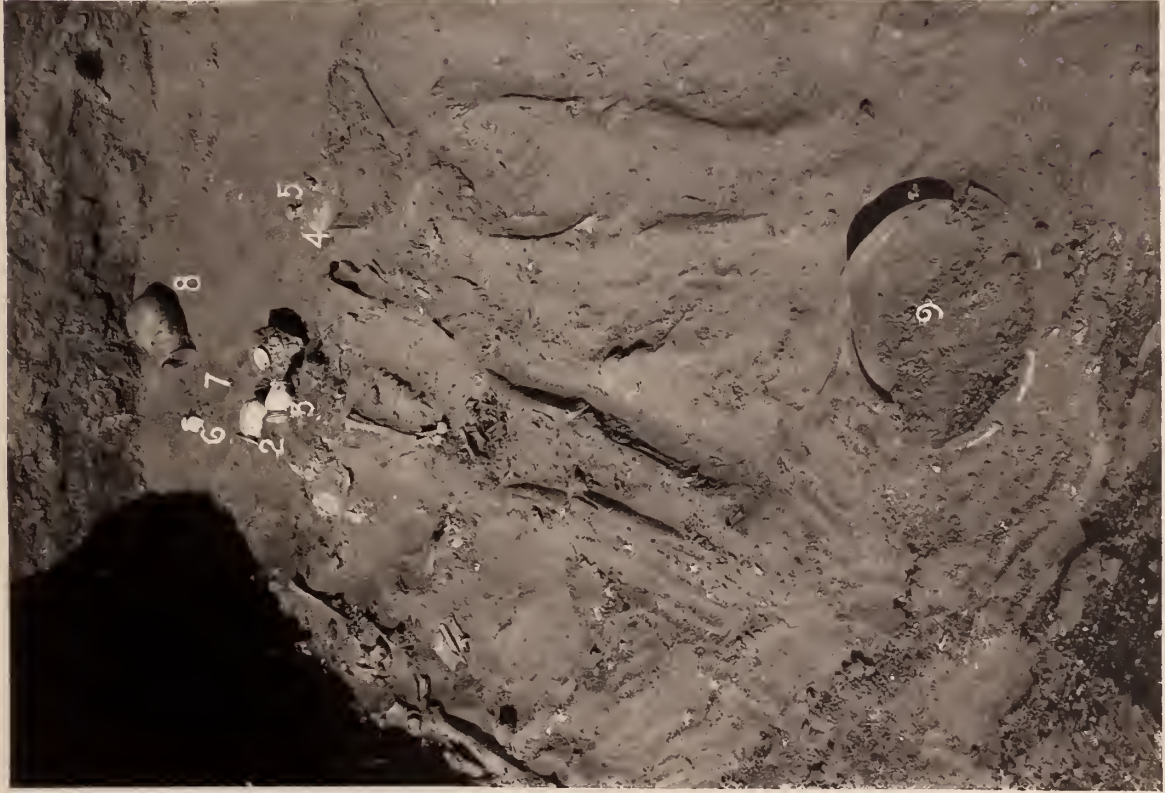
K 44. Brickwork of the east end, inside.

See p. 214.

A TWELFTH DYNASTY TOMB.



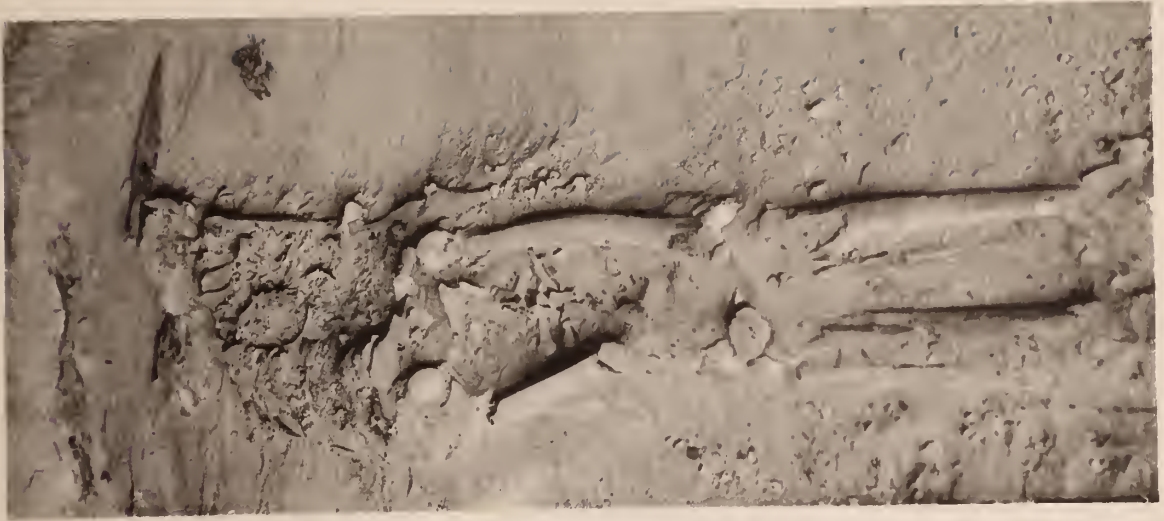
K 44. Skeletons, alabasters and pottery in position.



K 44. Skeletons, alabasters and pottery in position.

See pp. 214, 215.

CONTENTS OF A TWELFTH DYNASTY TOMB.



K 32. Chamber C. Skeleton with iron spearhead in position.

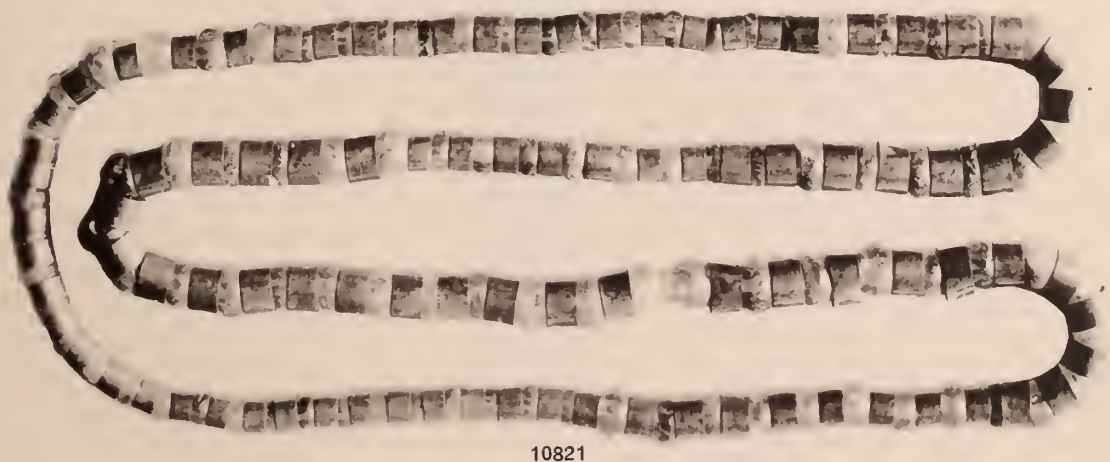
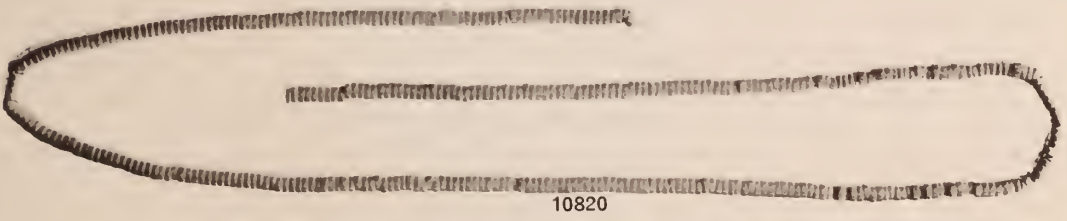
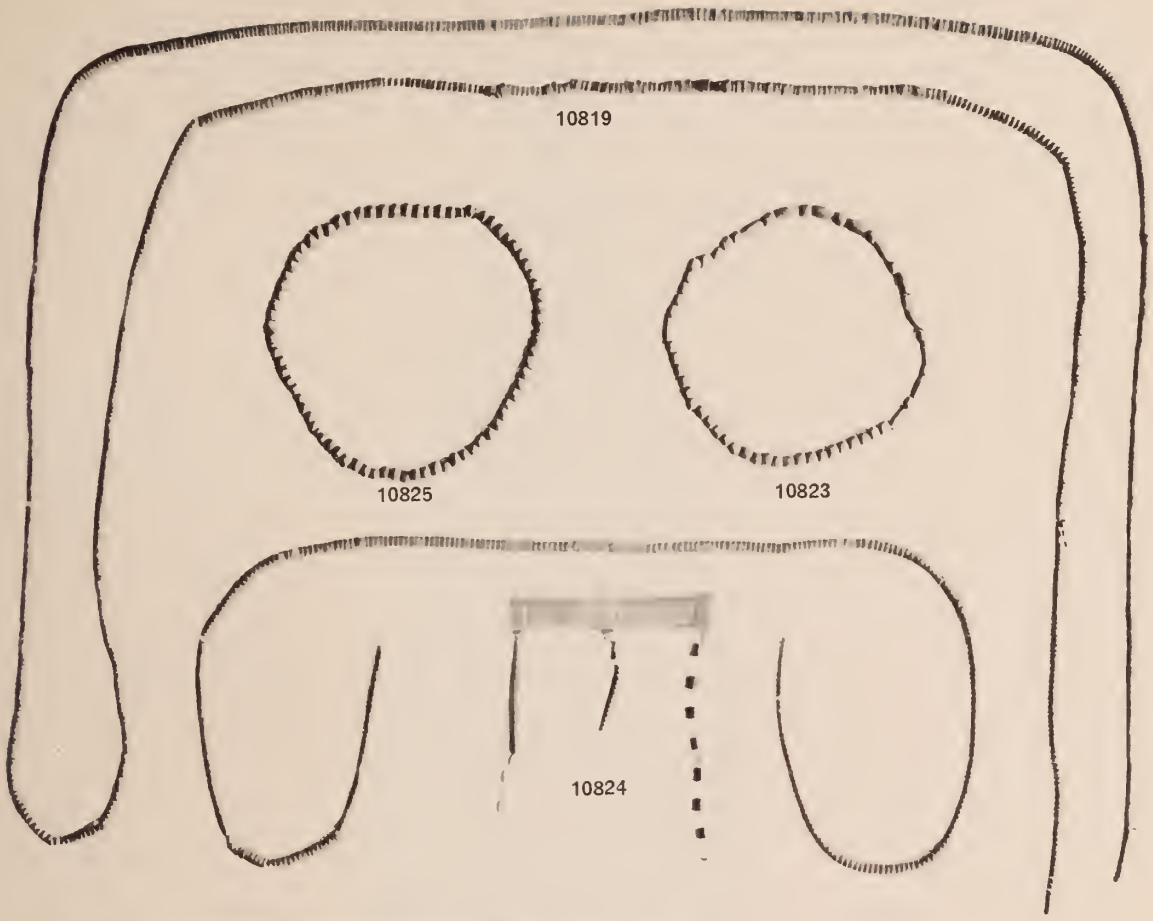
See pp. 193, 211.



See p. 211.

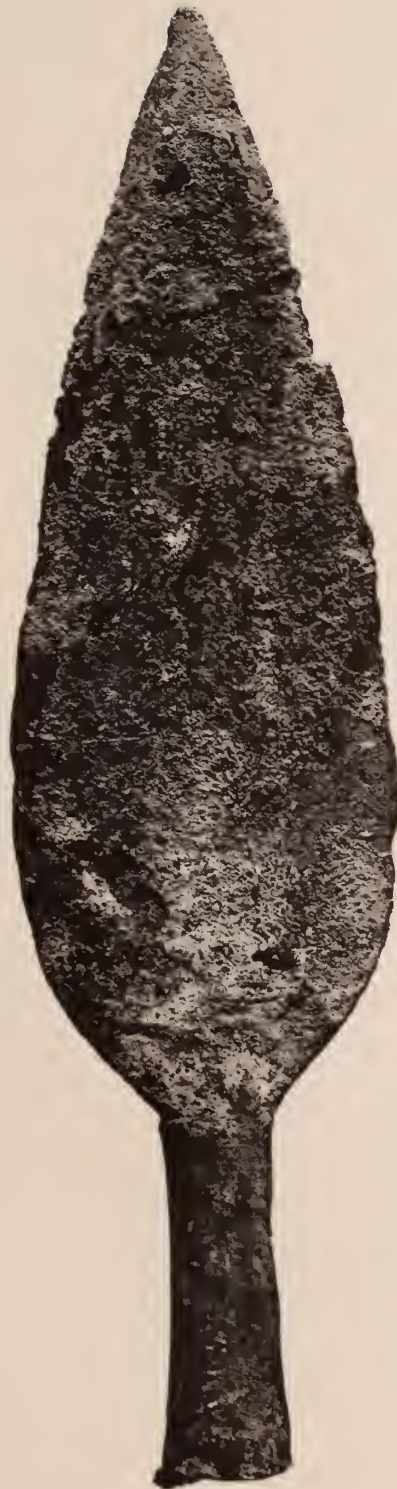
K 32. The process of excavating and noting.

A TWELFTH DYNASTY TOMB.



See pp. 193, 210.

JEWELLERY FROM K 32, A TWELFTH DYNASTY TOMB.



See pp. 193, 211.

IRON SPEARHEAD FROM K 32, A TWELFTH DYNASTY TOMB.



10759



10764



10782



10793



10797



10846



10847



10852



10859



10860



10874



10875



10898 B



10898 B

See Cat.

SCARABS, GOLD AMULETS, GOLD BEADS, FROM TWELFTH DYNASTY TOMBS.



10802



10803



10804



10805



10806



10807



10827

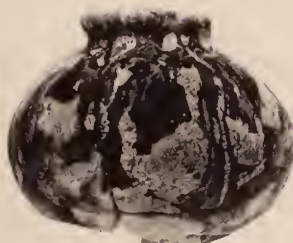


10828

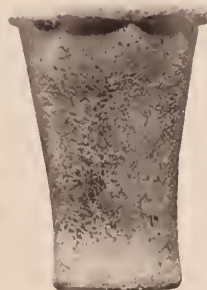


10845

See Cat.



10882

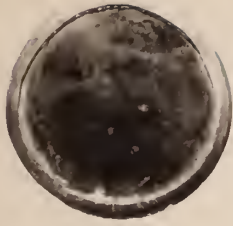


10878



10862

STONE VASES FROM TWELFTH DYNASTY TOMBS.



10896



10897



10851 A



10885



10851 B

Obsidian kohlpot, silver torque, bronze axe, bronze tweezers.

See Cat.

OBJECTS FROM TWELFTH DYNASTY TOMBS.



10864



10869



10876



10877



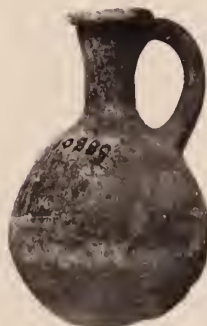
10871



10886



10887



10889



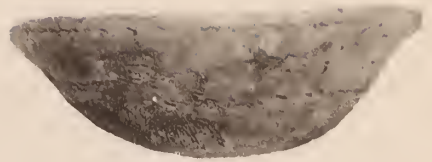
10890

See p. 196 and Cat.

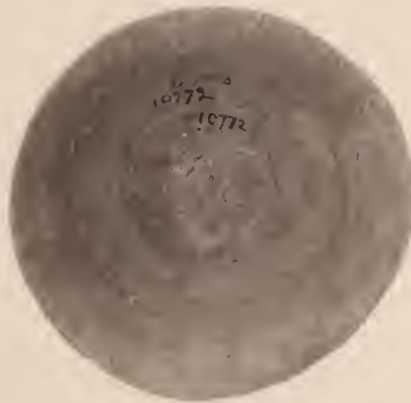
TELL-EL-YAHUDIEH VASES FROM TWELFTH DYNASTY TOMBS.



Type i
10771



Type ii
10763

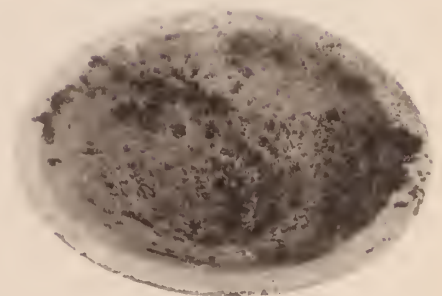


Type ii
10772



Type iii
10813

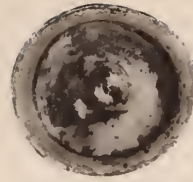
See p. 195.



Type ii
10873



Type iv
10800 C



Type v
10775



Type vi
10811 B



Type iv
10800 C



Type v
10775



Type vii
10812



Type viii
10772 B

See p. 195.



Type ix
10848

TYPES OF TWELFTH DYNASTY POTTERY.



Type x
10778



Type xi
10811 C



Type xii
10811 D



Type xiii
10873 C



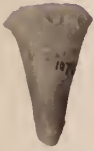
Type xiv
10873 B



Type xv
10771 B



Type xvi
10762



Type xvii
10776



Type xviii
10795 B



Type xix
10811 E



Type xx
10810 D



Type xxi
10768



Type xxii
10800 B



Type xxiii
10867 B



Type xxiv
10808



Type xxv
10779



Type xxvi
10810



Type xxvii
10789



Type xxviii
10810 B



Type xxix
10833



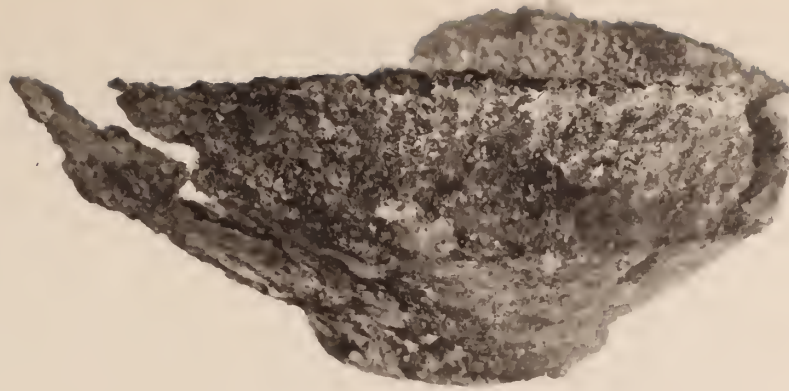
Type xxx
10867



Type xxxi
10811

See p. 195 and Cat.

TYPES OF TWELFTH DYNASTY POTTERY.



10883

See p. 194.

BRONZE BOWL FROM THE TWELFTH DYNASTY TOMB K 45.



10715



10721



10722



10723



10725



10736



10737



10746



10742



10743



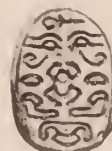
10744



10745



10900 A



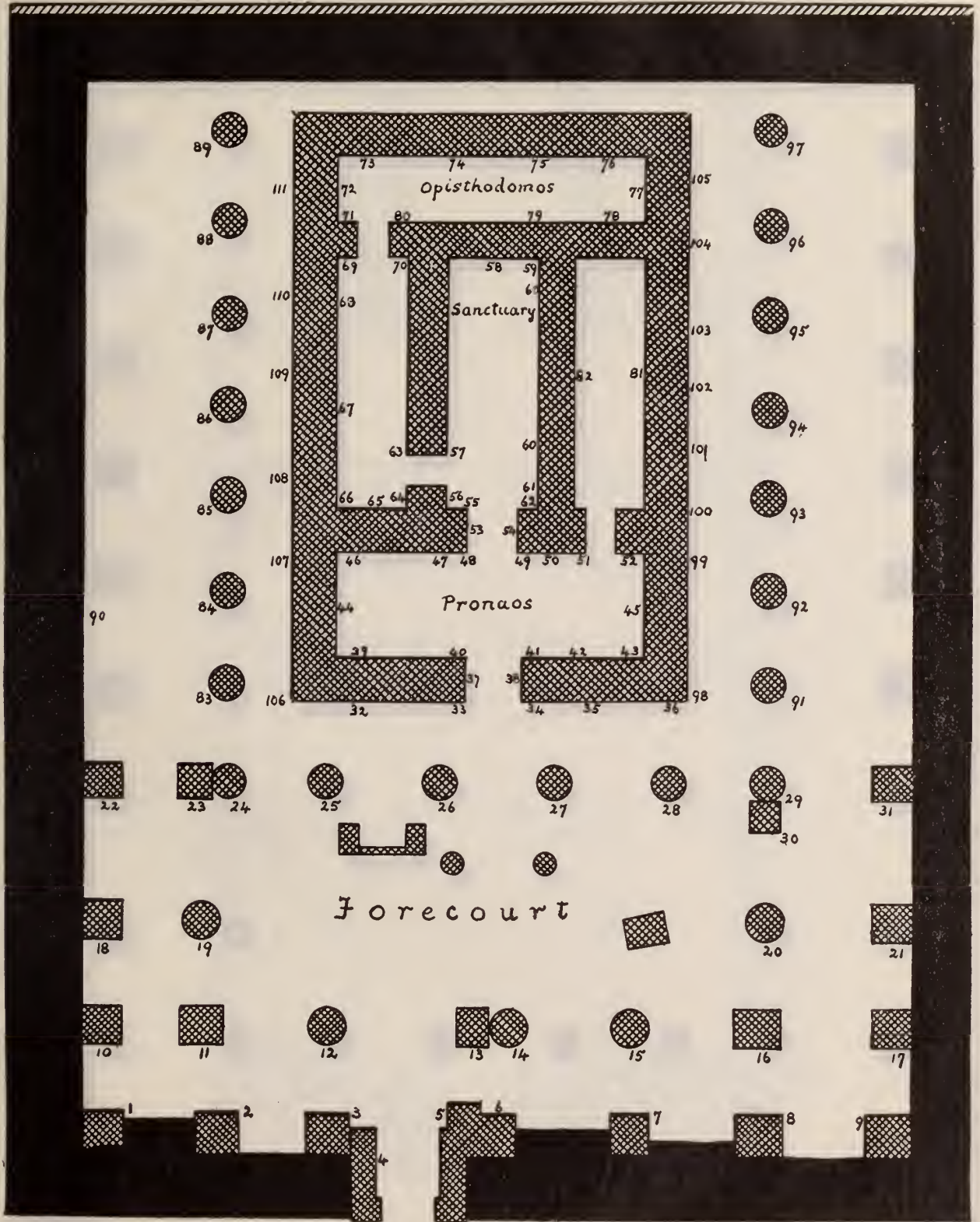
10900 B



10900 C

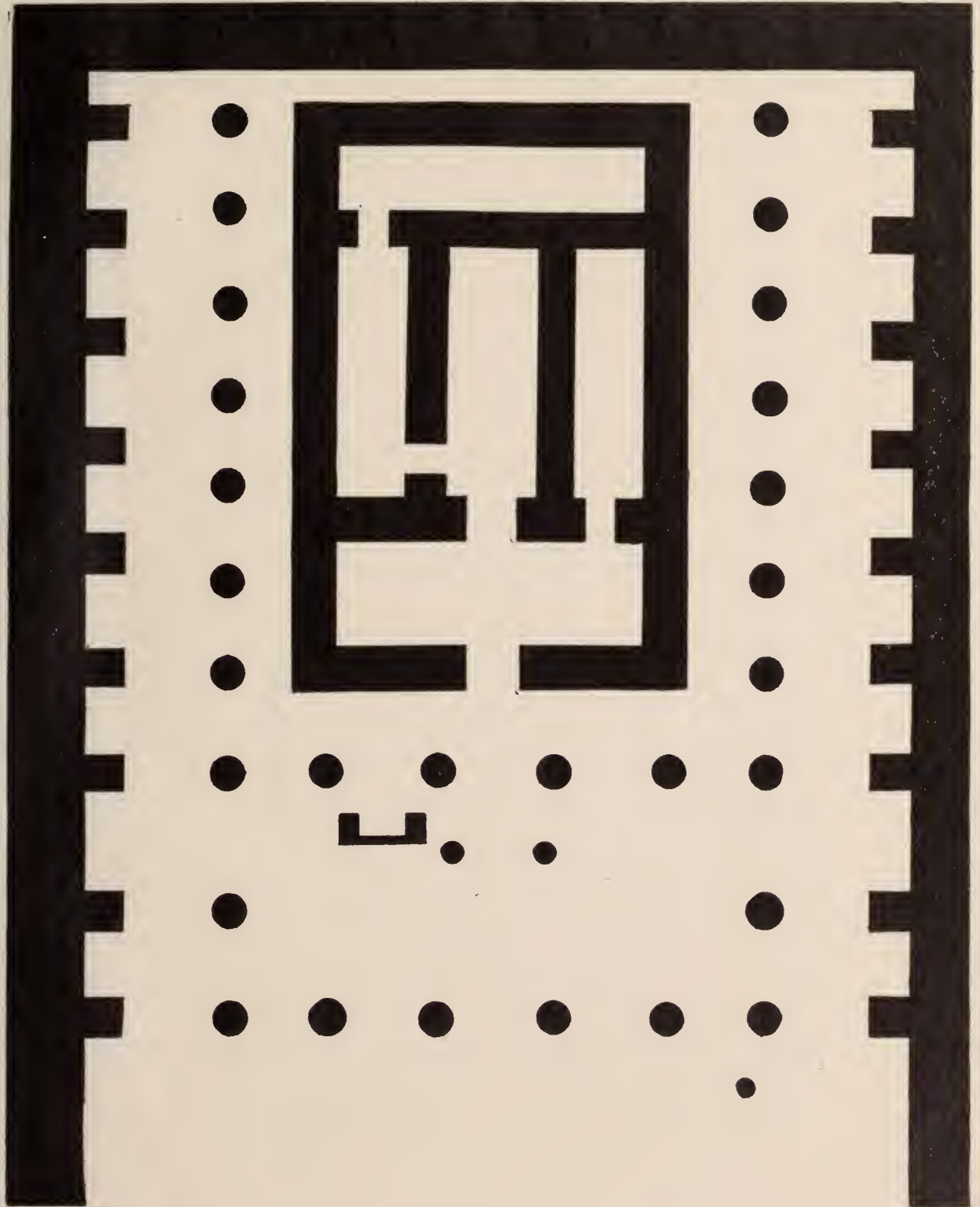
See Cat.

NEW EMPIRE SCARABS FROM TOMBS K 1-7 AND FROM THE TOWN.



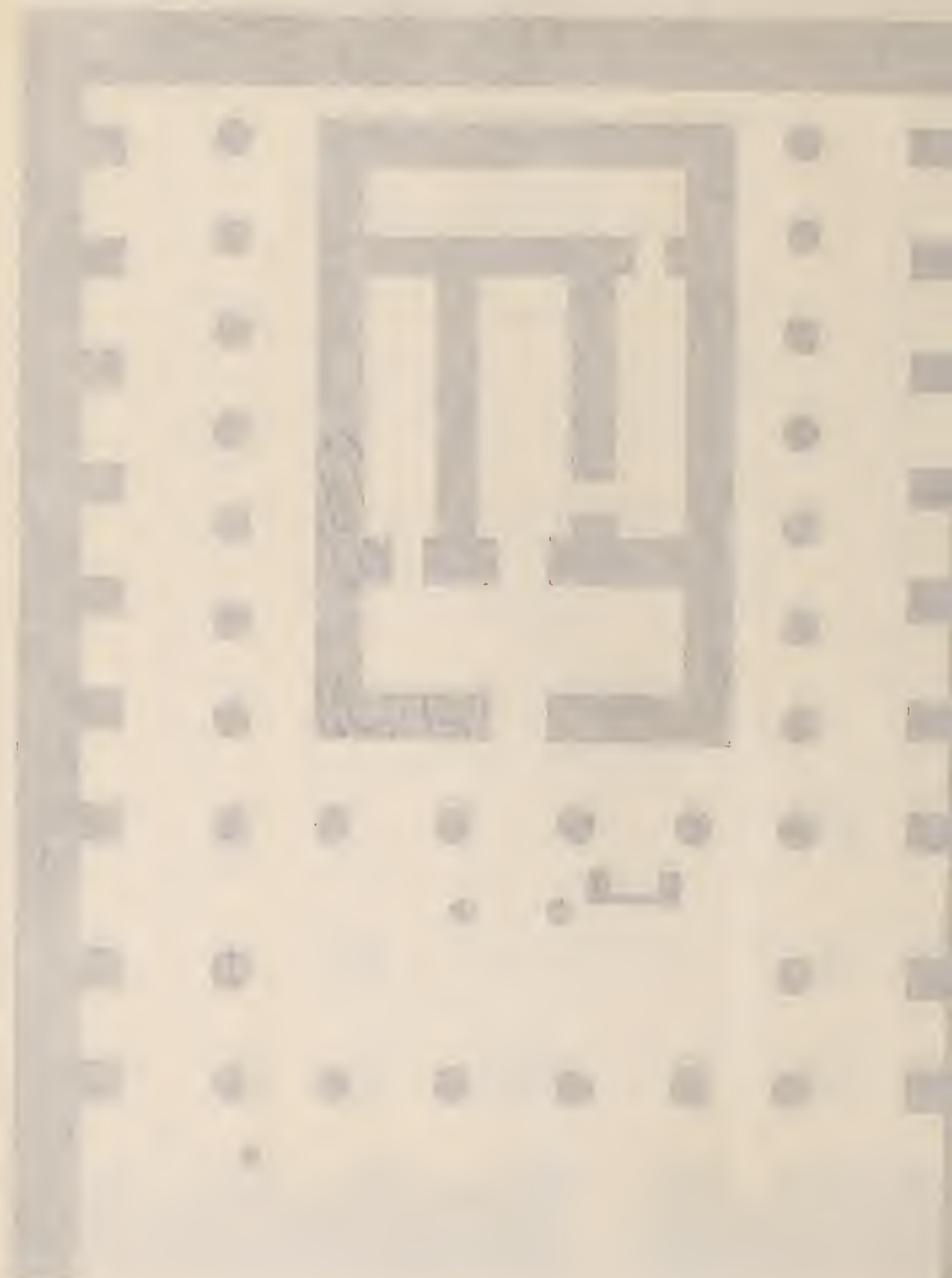
Scale 1:150.

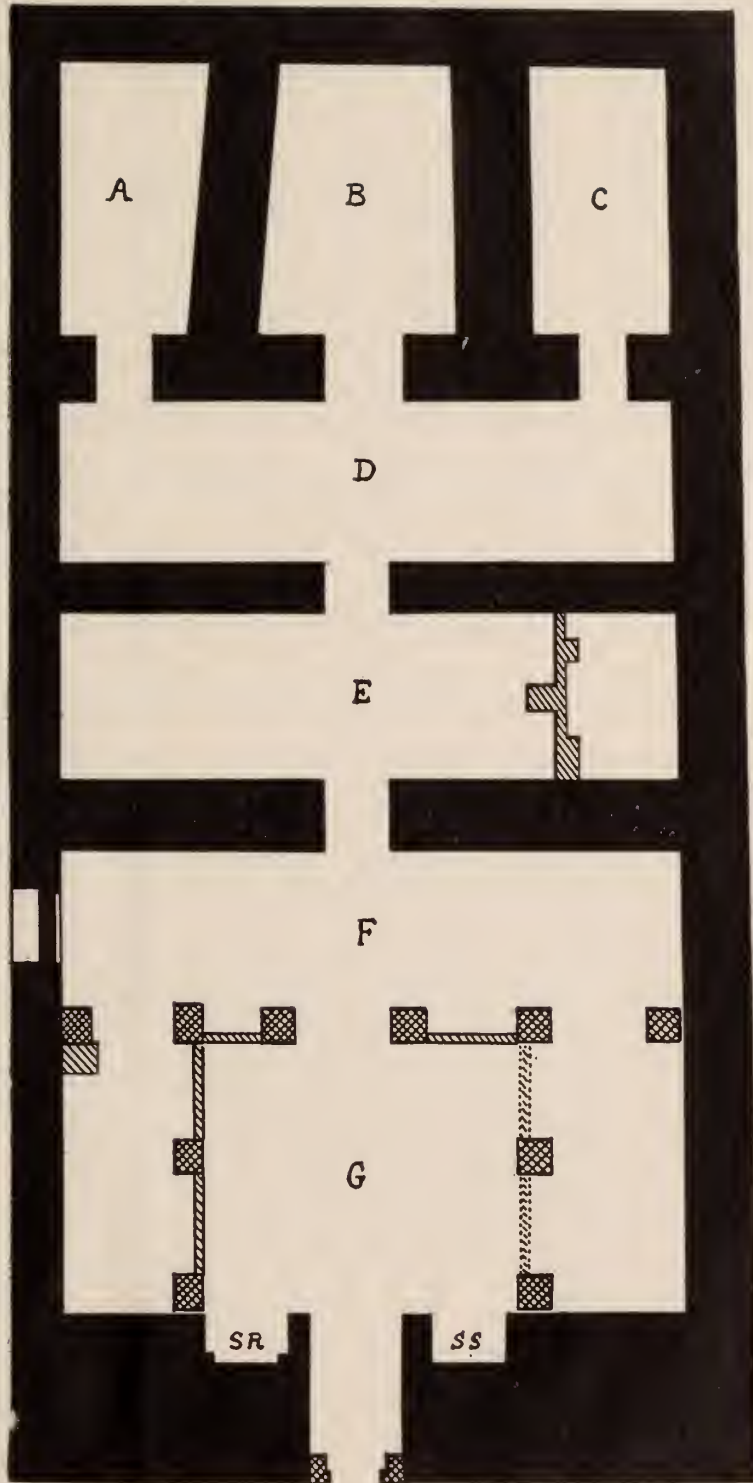
THE TEMPLE OF HATSHEPSUT.



Scale 1:150.

CONJECTURAL PLAN OF THE TEMPLE AS ORIGINALLY DESIGNED BY HATSHEPSUT.

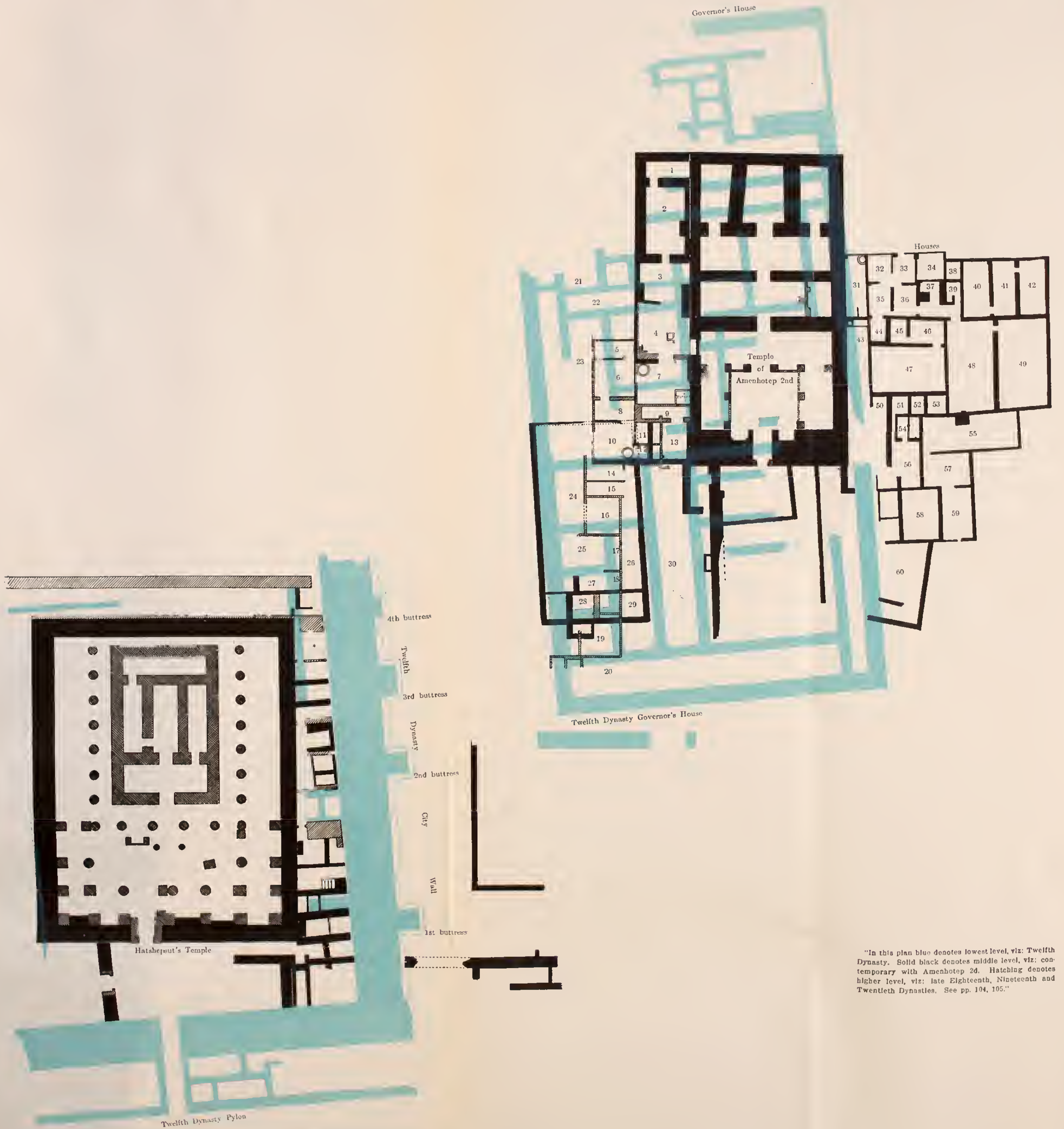




TEMPLE OF AMENHOTEP 2nd.

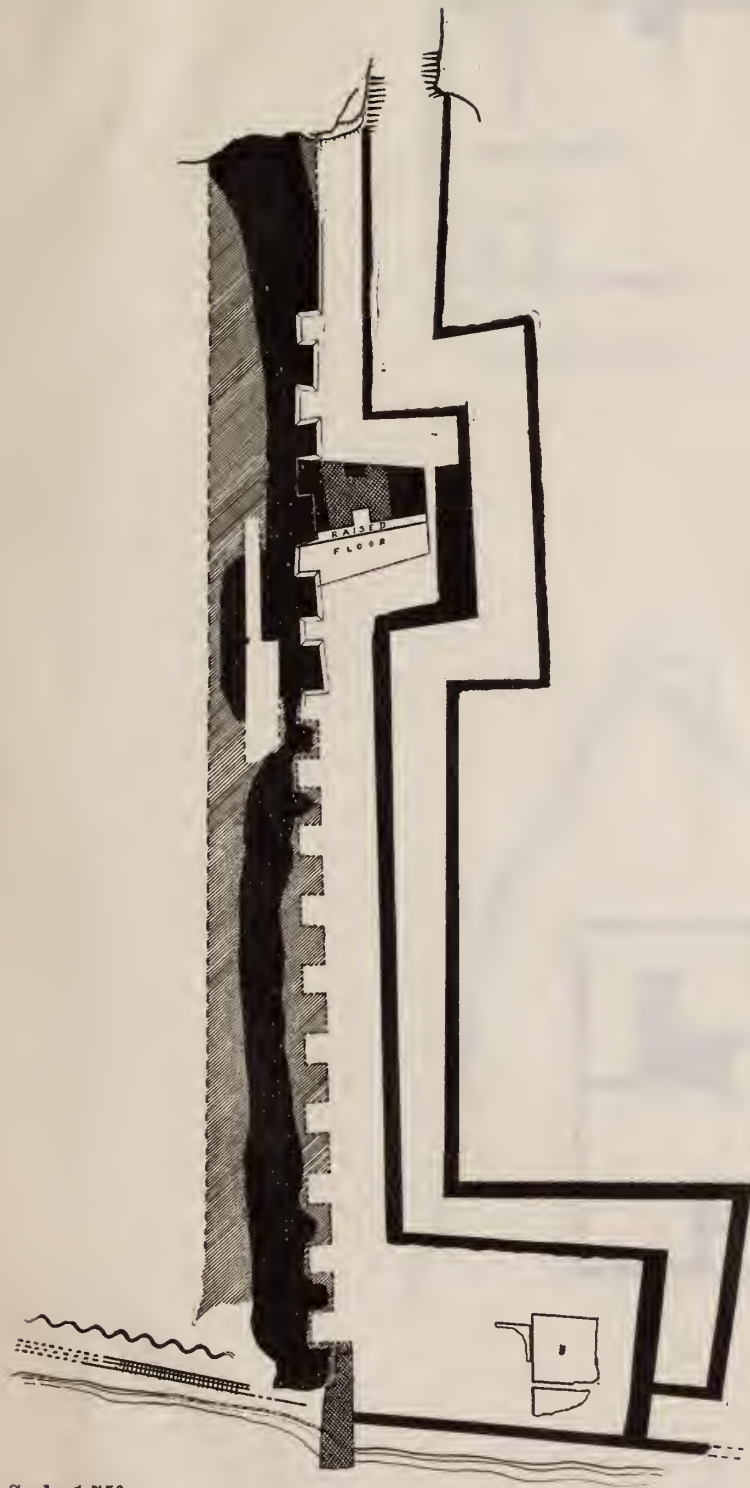


Figure 1

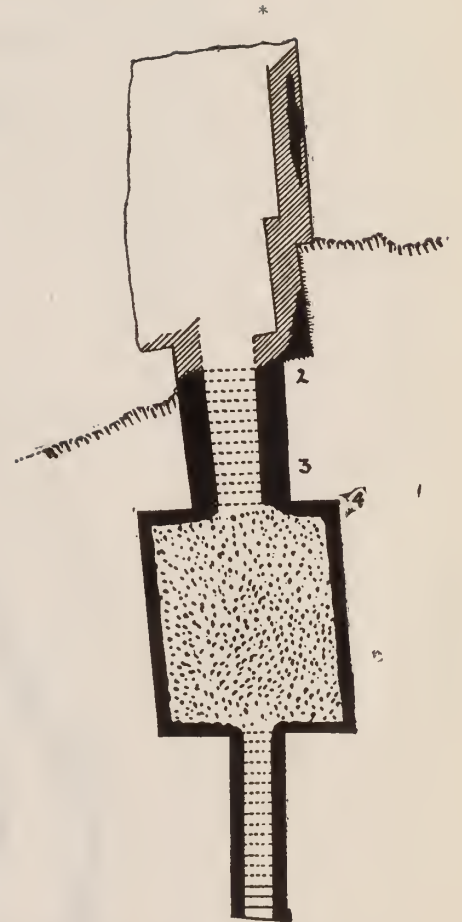


NEW EMPIRE TEMPLES AND HOUSES SUPERIMPOSED ON TWELFTH DYNASTY BUILDINGS.

Scale 1:250.



Scale 1:750.



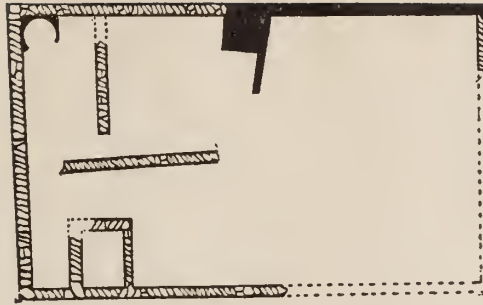
Scale 1:250.
ROMANO-NUBIAN TEMPLE.



Figure 1: A technical drawing of a mechanical component, possibly a valve or connector, showing a central shaft with a wider upper section and a narrower lower section.

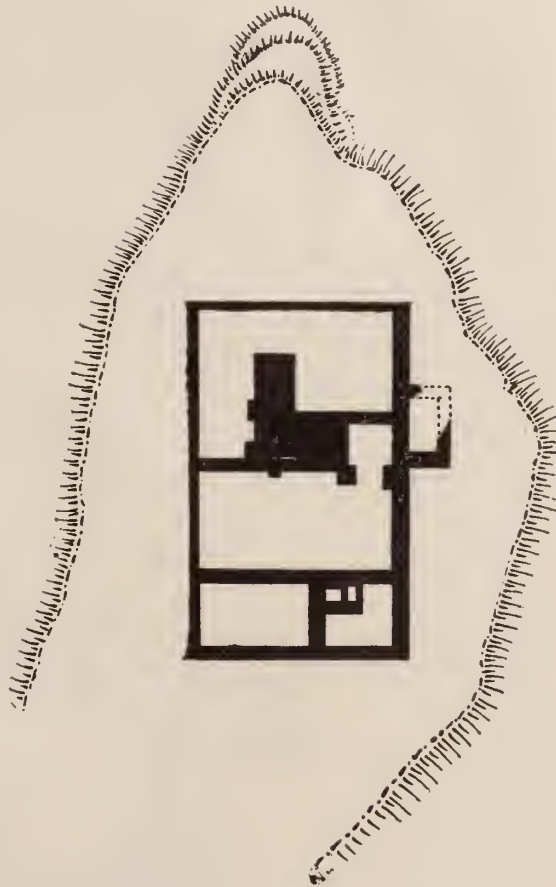


Figure 2: A detailed technical drawing of a complex mechanical assembly, possibly a valve or actuator, showing multiple internal components and a central shaft.



Scale 1:250.

ROMANO-NUBIAN HOUSE.



Scale 1:250.

ROMANO-NUBIAN HILL SHRINE.

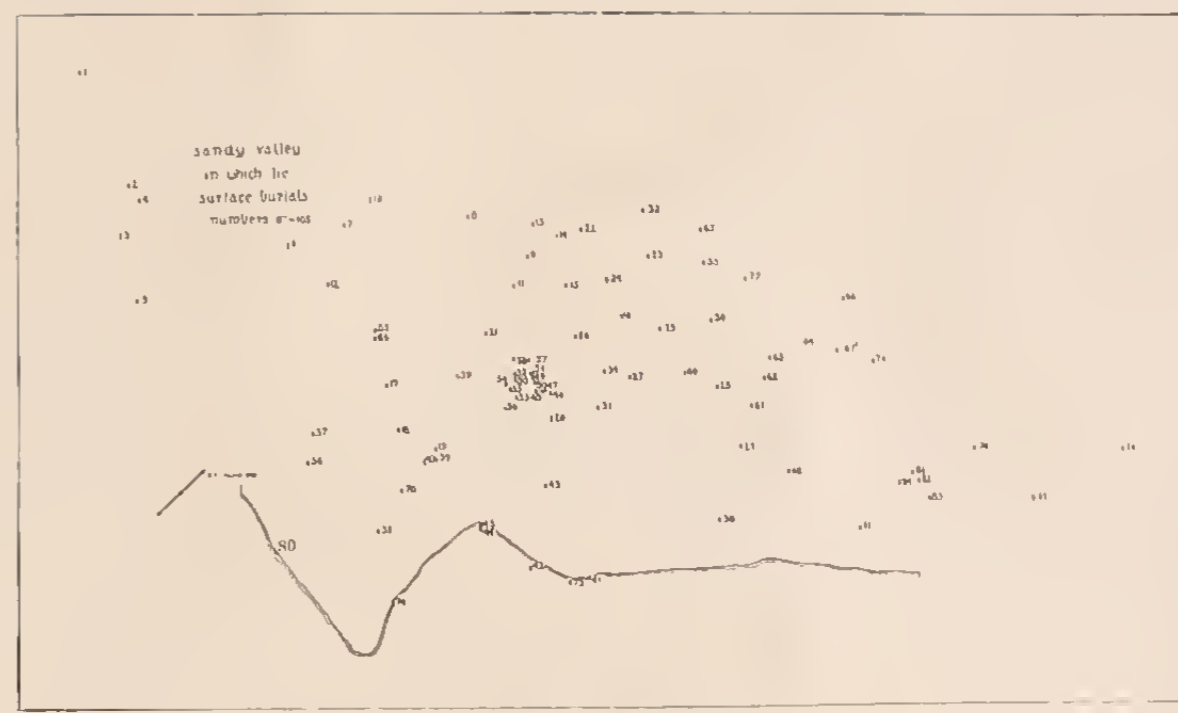


Inset, Gebel Tuob.

Scale 1:1000.

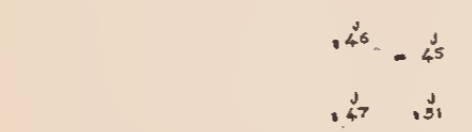


GEBEL TUOB



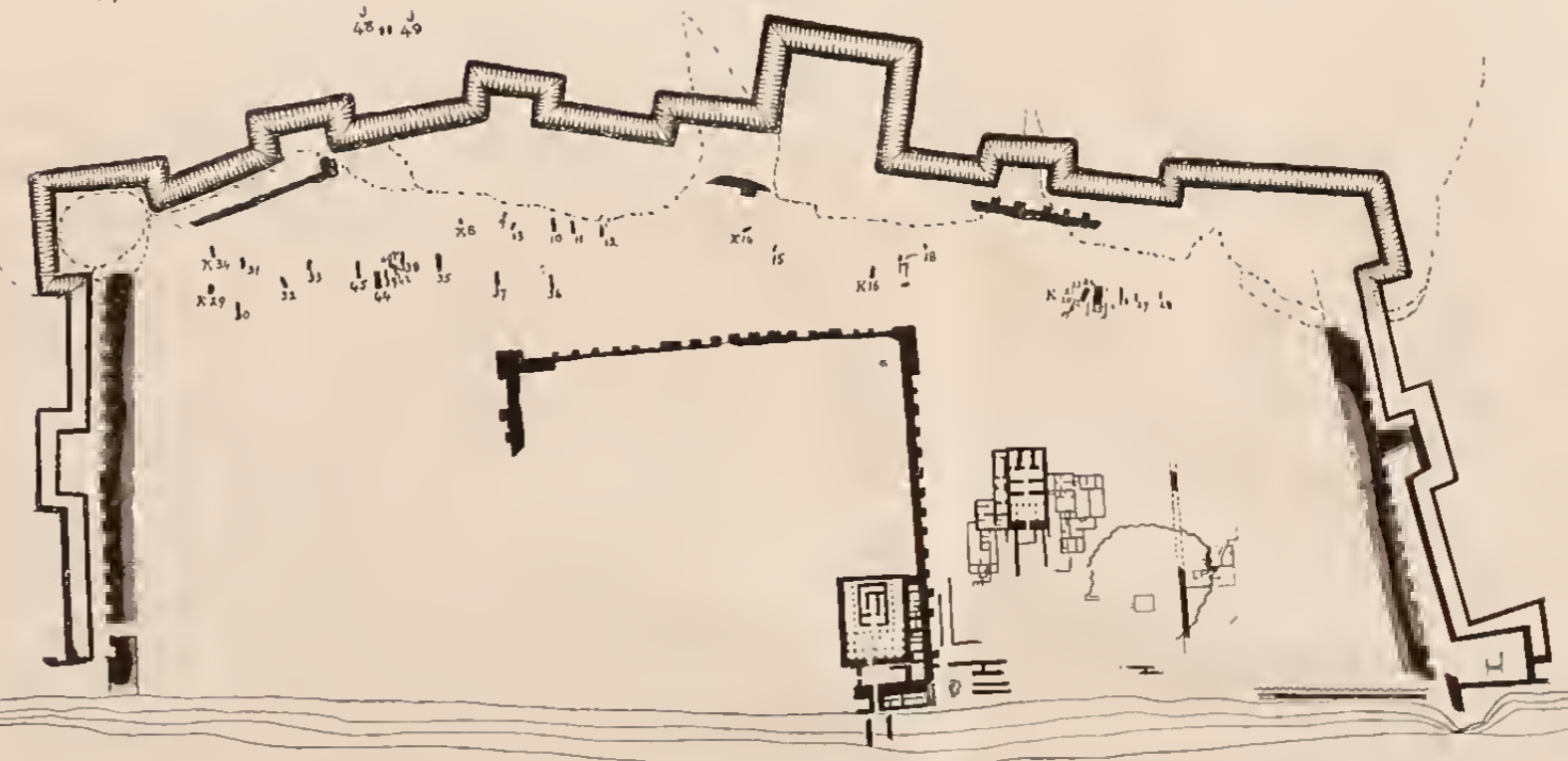
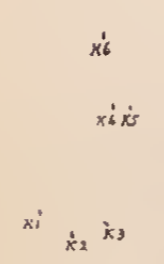
Scale 1:1000.

Inset, Cemetery H.



150

15



"Beginning of Cemetery H"



GENERAL PLAN OF THE SITE OF BUHEN.

Scale 1:2500.

Errata in Volume VIII.

- Plate 27, in title of 106, for "*onyxes*" read "*oryxes*."
Plate 36, in page-reference, for "108-107" read "108-109."
Plate 58, in right-hand lower corner, for "10608" read "10616."
Plate 77, in second sub-title, for "*K 14 to K 26*" read "*K 24 to K 26*."
Plate 77, in page-reference, for "*pp. 187, 206*" read "*pp. 188, 206*."
Plate 78, in upper page-reference, for "*p. 188*" read "*p. 189*."
Plate 87, the number "10822" should be inserted on the unnumbered specimen above "10824."

